```
e220s
      <121 misc feature
      ≈200> (11...(79%)
      <2220 × D → A,T,C or G
      <4005 \times 220
jętettte troctaceae taetttcae giecacecae tigggiaeac saegasacea
                                                                        ÐΠ
                                                                       120
aqeeseraag aatgasaate agtaggaata wegaseaaga eteacagatg toaaacaaagt
                                                                       150
cegeggeton egoagached agaightegga attattaged gegggaaging bircasaacat
tagetattas cattatgitt accaactagi gaagigaact aigagaggat atattaacua
                                                                       240
                                                                       300
cagaaqttaa tagsagaata gactootgaa astarotgga tgotacaaac taaaatatag
tatataaten tioatagagi gioagigaet teatatitat aattaeatti tigtatatia
                                                                       360
                                                                       120
gdagtgtfit agticatect gdditatott taaghtgann nnaaataaaa ttatattiig
                                                                       480
qqattcaaaa acacataqet aatqattact atgtggcagt gttacattac tttatcatat
stratteses teatrotycet gryttcaseg egatottcat acticitigt agciccesci
                                                                       540
                                                                       600
tettiqteqt ettiqtaqet cecacaacat etagaacage acaacegtat atygagaaa
chaegictes tettogtige atgactacig gasaattieg tinatasaca gaactiicti
                                                                       EEU
cattghacaa attatettge agaagaataa tyyeettäyt thaaaattat catatttacc
                                                                       720
cappionecs ogniatitia totottitigg cisansatti igasaaseggi accittiaco
                                                                       730
                                                                       792
ctttggcatt tt
      <2105 271
      ≥2115 759
      -212: LWA
      <213> Home sapiem
      <220×
      <221> misc_feature
      k202x (1)...(759).
      -0.23 n - A, T, C or G
      6400s 221
                                                                        60
ettitetget getregggag giggagigge biggsagagg gearatgget geracetget.
                                                                       120
possogasas thelesping agentectes ghatgasgas gatasgeetg caraateagh
                                                                       180
cactgataga tgottagtgg aaawaettee awtteecatt tacwgetet0 agwgtw990
ttamasanto otgginataa antoatgiga igagaagita tagoacgood toattitota
                                                                       24Û
                                                                       300
catanocact tgcatttatg gttggctttt gascttgcta gsagggasag sagtgcass.
giginatest tagagetast alectesset iggigggitt scagilligig saligisesag
                                                                       360
                                                                       420
atgycccagg agotgacgat caaagggaag aagtdatgtt tglcalgaga atgccttgct
geateaggat tragtgaage tgtteaeege etggageesa tgeagestea agaggeagga
                                                                       480
                                                                       540
tgqagotkag amaccatoso tgaggitaga aagigagcac caaagilgag ggaagcepac
aggagtgage egaagtgete cetttggatt tecaaagtgg gtgetgstge ttett000t0
                                                                       600
ageottgett obgadedesa tgogttootg gigentfott offggdattt fgqfgfqggg
                                                                       660
                                                                       720
ggcccaagga aaaaaattee tgcatggcag tggtgaaaaa agatggetge ctgotgasau
                                                                       759
ctgatttgge otgggtamge effttggage occggttma
      <0105 222
      -2:15 699
      <112> DMA
      <2135 Home sapien</pre>
      <2200×
      <121> misc_feature
      <222> (1)...(699)
      <223> n - A,T,C or G
```

-400× 222

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continuacy agriggment carreticad tasanglags agragabith atcagetasg
                                                                                                                                      60
coacactgae ologggmeth mithnogede gatgathith daitagilga abecettian
                                                                                                                                    120
tegitatata igiaticaia tattoigito oitoitggat itactittai gailiggigdd
                                                                                                                                    190
                                                                                                                                    240
           the estate of a strent dotal citrat did to the time of the tage of tag
adatagaaga ticaagaago taaatgtagg agaatgtota atglaggana nigaggchad
                                                                                                                                     300
natateatea atgaztgzet tgaagtttee tetgttgtaa agaatgatat taecataaet
                                                                                                                                    360
gecatagnta atattgatgg tgtwagtcaa ataanaaggg aggaggaaaag ggaCatecat
                                                                                                                                    420
                                                                                                                                    480
cactgaacca camateagag neteattgaa geetttgaga agaatecaca aaattttaca
                                                                                                                                     540
ggataattom titootgoga toaccachag aagagaaact ggitaascag adaggtatto
dagagtocaa aaatttadat tiggittieng aaccaaagad etdageteed aggecadage
                                                                                                                                    680
aaaaggggge ttatgaatto detggeaced agnochaaga oodsansadd toatettgat
                                                                                                                                     660
                                                                                                                                     695
togtttnggg ottgggsaac caasaaacca atgggtggc
           <110> 223
           <2115 598
           <1112 DNA
           -2135 Homo sapien
           <480> 223
aaaaagagaa agittoagat tigooatika aggoltatti atabatatgi gigigtatat
                                                                                                                                      έÜ
asatacatgo acadacttyo atadatatat attittiggot gggggagtigt gagttittigod
                                                                                                                                     120
tttotaaygy ayggacoyog caggotoott tgttotglat totggoggag atgggtootg
                                                                                                                                     180
gentigigin antiggettat onttabagat cathioniat ontoccoage genatotyts.
                                                                                                                                     240
tgdagdeech agaaagggat gaadttgged otdttgeggg detggadaag gielettdet
                                                                                                                                     300
taccottetot gttgocagud agdaaddigt aadtdadatt ofditoddag igaatdooig
                                                                                                                                     360
ggagegeetg accetggtgg getgttcage ttootgetge tggggecage aattittgag
                                                                                                                                     420
                                                                                                                                     180
gabitatott taggocaggo utgoctoogt actbatecet getebeceat thetebettg
                                                                                                                                     540 -
tttgagagag aatgaggaag cawagagtga gaaagautag gagotgaaga Ogocautooo
aganggeret tictatocig cicitolyti gasacacaeg igeigigge cicaggeg
                                                                                                                                     593
            a2105 224
            <0115 501
            <212 > DNA
            khlis Homo sagien
            <720>
            <221> misc_feature
            <2225 (1)...(501)
            <223> n = A,T,C or G
            <400> 224
                                                                                                                                       ыU
assoctttat qatgacttoc ttatgastta otgasogsac sotggastgg gootcoggta.
teetgaggae ateteteame tetggeetta gitteeeeste tgiaammita gygigecame
                                                                                                                                     120
takatgalot acaaggtood ttodagogod godattotgt aattacatca tgtgtaactg
                                                                                                                                     180
                                                                                                                                     240
tattaaacat acacaagtga otgocaggoa tgggaatgta actteegagt axatgetttg
                                                                                                                                     300
gtttyttdag aatadactat gaadtoollu oosaagadgg gttgtggbaa stagtggata
ttttgattat aagsaataga gtttoottga agotttagot ggagatadag caatagtgig
                                                                                                                                     360
                                                                                                                                     420
gtgttoctae aastatoara qtgtattcaa acatattttt ctatcaaaaa tcatttttgt
                                                                                                                                     480
aasagetgig igittitate caacitgiga taataaatgi tettiattit agaacaaana
                                                                                                                                     501
```

<210% 225 <211% 295 <212: DNA

```
<:13: Romo sapien</p>
      teDO> 225
colgustage gotogetted cosception clatticies agaggettet giotistitig
                                                                        60
aaggeeagee cacacccage tactttaaca coaggittat ggammatgic mggmmmmam
                                                                       120
asassassas cacatgoact cacacastec coasacatos raattagaag ggostessac
                                                                       180
agggggettt ataggetgaa aastatetta ratttearaa eagaataeea ateaaatatt
                                                                       240
gadaattout tiqticaada cacaadgatg titightiit aatgggagti tibil
                                                                       295
      <710× 226
      <211> 572
      c0125 DNA
      ≥213> Homo sapien
      ≥400× 126
agattocing ottagageat gegageattg aaggaceaat ageaaactta teagtactig
                                                                        ៩០
                                                                       120
gaacagaaga acttoggoza ogagaacaet etotoaxgoz gaagxgagat axyttgatgt
ccatgagaaa ggatatgagg actaaacaga tacaaaatat ggagcagaaa ggaaaaccca
                                                                       180
                                                                       240
ctggggaygt agaggaaatg acagagaaac cagaaatgac agcagaggag aagcaaacat
tactaaagag gagattgott goagagaaac toaaagaaga agttattaat aagtaataat
                                                                       300
                                                                       360
tangancunt trancmenet ggangtbose attytobtes esshenatte tolegtocyt
                                                                       372
atgasatgaa at
      <210> 227
      a2115 599
      <212> DNA
      ≂213> Homo sapied
      2400× 227
ggcccccqtc gegggageeg ettegggeet tetgggeatg tetgecatat ggetecaggt
                                                                        60
                                                                       170
ttytttetat orooggaadt atgeoggage gagataaagg cetataatga cetaaggate
gaggacgegg aggatgetga getgetggeg caetgeagea caxetagaga tytacggath
                                                                       180
compositive getottedsy estdegaggi scagoogoga gasagagios agascagada
                                                                       24D
gagtegettg aggaeteagg agggtgtttg etgegttgae aacagaetae acceteacag
                                                                       300
                                                                       360
tttgototgo tottoomaca ocagtggaag atgatemeat eccagggate agtgtegitt
agggatgtga ctgtgggett cacteaagag gagtgqdagc atctggaccc tgctcagagg
                                                                       420
acceptgiana ggyatgigat geiggagaad tabagedade tigteteagi agggiatige
                                                                       48U
                                                                        540
atteotaxue espangigat tetekaging yagaakaggeg aggageesig gatathagag
                                                                        593
gasasattto osagoosgag toatotggas ttaattaata oosgtagaas otattoast
      <210> 228
      -211> 343
      <212> DNA
      ≈213× Homo sapien
      <400> 208
                                                                        60
sasgteaath ghatgaassa thoathtoth cashigoath agcoscathi igagtathos
                                                                        120
tgtggetggt agattetgta ttageacaea gatatggaac atttecatea ecacagaaag
                                                                        180
thoughtages cargosotages theasetatt thestactae tectroctess thestatting
trgtraatgt tgatgtette attggatggg teataatgtt ceatgammen getemmgtme
                                                                        340
                                                                        300
acaattgtet gttotttgte toocttecce casatetoto gototgotoa tttottttgo
                                                                        343
agetteetat avagttigio tieeteaava vaavaavaava vaa
```

<210> 229

<211> 417

<212> DNA

```
-213> Homo sapion
      <400s 225
     gobge eghterategg ghatagitan agaitaghtan consequesa reachataha
ggaggtgaag asaactgaga titcaagtat gggagagtti tiactatoic cattoolgga
                                                                       120
ttaaaagtgo tgaaaaagto cacagttaaa cattoottta ttoaccotat ggotoccaag
                                                                       160
                                                                       240
aasagcatto tidetotogga giaciggigt solaagggga caatacacca aatüigites
gtttacaate aagtetaeta aggttggaet teettateag tittggeagag teecagggea
                                                                       300
gastastest ceatetarsg gretergitt ceteteecte egesgestig gagsgestee
                                                                       360
                                                                       417
cagtigtitigg ggcactigtigt tootettegt cootigeacea gascetiggaa geettigg
      <210> 230
      ≥211> 462
      <2115 DNA
      2213> Home sepien
      <400× 230
gaaataccag aagagaaagt ticatigige asatetaaet teategeete geiggeigla
                                                                        60
ttoottatat gatgotgaga oottaatgga cagaatcaag aaacagotac gtgaatggga
                                                                       120
egaaaateta aaagatgatt etetteette aaateeaata gallithiett alagagtage
                                                                       180
                                                                        290
tgettgtett eetattgatg atgtattgag aatteagete ettaaaattg geagtgetat
coagceacht ogolgigaat tagadakhat gaataaatgt actboochtt gobgtaaada
                                                                       300
                                                                       360
atgicaagaa acagaaataa caaccaaaxa tgaaatatto agiittatoot taigigggoo
                                                                        420
gatgggaget tangtgaate otdatggata bytgdatgag acaettactg tgtataagge
                                                                        462
tigomacity amictgatus geoggestic tacayaasac ag
      <210s 33 U
      <2115 328
      32175 DNA
      <210> Homo sapien
      <400 > 231
                                                                         60
etgtgggttt teetaaaege eesteatetg gitgaagees tagigtitet tieteasate
agaggosaat goattggggt gggtotggtt tggacaataa atticolotg gttlggacca
                                                                        120
agaaaaacag agitotitga oogotaacat atatgiaaaa agaaagtiig tamaaacaag
                                                                        180
agttammenty offictamong tgtggtcato actgcacagg acactggaat tggcattcgg
                                                                        240
ggttgtgtet gtceatgtgg tttegttgta tgteatgtge teteagetet gadayagaea
                                                                        300
                                                                        31.6
tocaattgac ttotgacttg gggcattt
      <210× 232
      <211> 595
      <212> DNA
      <2135 Homo Bapien
      <400× 232
ogocaattii agcaaataag agattytasa agaagcayat Ugaatgaaga atütttagot
                                                                         60
gtgdagahag gtgatgttgg gatggaaaat gdtaatdaad taccotttot titatdaagt
                                                                        130
aattaaaata matotmosta magamoomaa maggotgttt tatamaagtg maatatodag
                                                                        180
tatttoagag ggccaggcae gagcacttoa gatgaggcag tcaaaatcat tittittocag
                                                                        240
                                                                        300
tgaggataga ceacaagtgy gtggtgagae cattgaaage otttateaac tgaagagtee
atttaacage ataattigig ggaagaetgg aatagggetg aataaatgig tittgaatete
                                                                        360
                                                                        420
tauttitata (titoritto ofgaegaact tgalttitot glocologat ogcotigica
taattgggte tgttcotttt actaccaete ttgagtecat atatgaaate attaaagttg
                                                                        480
```

```
gatgatoagt tütttataan aetabetatt titgiooaag amaaaaaam gomindatat
                                                                       54Û
gigattaigg clasaicasa ggianduggs aigtaisisc titigdiasi gilod
                                                                       595
      <210> 235
      <211× 600
      <212> DMA
      *213* Homo sapien
      <400> 233
atgaaggtaa actotbaast ottoatuggt caalasagsa aalttaboot toscacttat
                                                                         ΕÛ
ttotagasay dagcagggot tatttootag attgottada atgaagotag aatatotgog
                                                                       110
ataactgtag agtiteaaaa aggateeeta gageteette taegttetee teaccagitg
                                                                       0.80
agcaptoton ataatttooa gaogggtoat gggggagaat gatagaaatg agogtgggaa
                                                                       240
gazagaczat gazattagza atgogtgaga cecetggtgg tagestgcte agegcagogs
                                                                       300
                                                                       360
toaggacaat caaccaggig totaggaagg gicaagicad cagigicate igcigaccaa
tettagesay maataasote aaaggaaaca ceacatttit ecaattaase teasateist
                                                                       420
                                                                       480
tgacttgtgg tggttetttg atgttgtggg gaetgetata acaganaeca attggatttt
caagggeaay aaactitged actgastaag atgatgteat cetteetgat aacaaatagg
                                                                       540
aatgggtggt cagctotaaa cagcgtggae tgagggagtt gettttetve matattmett
                                                                       600
      <210> 234
      <2115 500
      <212> DNA
      k2135 Homo eapien
      a400> 234
agattoctas tictittact atcitetesa citticcesa agatasasta satticaest
                                                                         らり
autttoatgy aggggasato gtagttglaa saaactacet caagtageaa toaccgetgg
                                                                        120
eagigittic teacificing ficincealt gouldcards ficealdaag abanguadat
                                                                        160
gtotgotesa costagação acaacotott tgtgactggt attataaggt ttataatgaa
                                                                        240
aacttatcaa atataaaagg tgotooctot tgaaaatgtg tattttatit gaagttilga
                                                                        300
gtaagaggtg agtgtttggd aattitteaad acteecotea aaaatoteed daagttgeaa .
                                                                        360
anaagtoagt ttagtaaaat toossegosot taamtgooto ehtgagggoo agttgatata
                                                                        420
ogcaatgrae taatgtgtaa aaattaacog aatgraacta tiitataatg gagagetett
                                                                        480
                                                                        500
-accetttööt tööagtitti
      <210> 235
      <2115 159
      22125 DNA
      <213> Homo sapien
      <400> 235
assatttada gataseggds gttdastadt gddactgaga agtacatoto ttaacatata
                                                                         ьÜ
casettteag gecacagitt tgaaggietg aagiattaag tiggittigat gaattagieg
                                                                        120
                                                                        159
guigquacht acgsacacet thattgcott godatcith
      <210× 236
      <211 > 254
      <212 > DNA
      <213> Homo sapien
      <400> 236
aaataagtga ateagogata titattatoi goesggiitti iitigigigig tiittigiitt
                                                                         € G
                                                                        120
tattitoaat atgeaagtta ggettaatti tittatetaa iguteateat gaaatgaata
                                                                        180
mgagggdtta mgaatttgkd datttgdatt oggaaaagaa tgaccagdaa aaggtttact
```

astacetete entitgggga titsatgtet ggtgetgeeg oolgøgtyte sagsattaas getgesagsg gwet	240 254
c210x 237	
2211× 551	
-212- TNA	
-213- Homo eapien	
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<222> (1)(591)	
<203> n = A,T,C or G	
#400× 237	
thitherite interprets interprets attituant thintesage thankgiars	6.0
catacaaysa ascatcsage astgittati gkgeaatter satestiati igesrastei	170
tagttraaag toagtyttta tagocartto aactgotigg titasacsaa aagomacaat	180
etggttatyt acetataaat tieatggtat ttytttaaae aetgaagtae taaaagcaet	240 300
gatgalityt altetaatti ttaaaalatt teasacciac acagattica taratcatto ettitatasa ataatessaa taatiigati atyiggaaaa asaaattett gaaacarage	360
- octtingag staatesass castigate atytygassa saasseet gassesiuse	420
atmaggattt otcagttgoc campactgto tgammattum ggttgammat tygantgyog	480
titticatgt ticcigngaa ticanagett acagginges teamaactea aateleiggg -	540
atogottiae atogotttea cittgattig titeatitic attigetict t	591
-3105 238 -2115 252 -2125 DNA -2135 Homo sapien	
<400≈ 238	
asatggettt tgecamatom stagatette atgatgtgtg agtgtaatte matgtggata	60 120
toagttaces aacattaces sasattttak ggoodaasst gaccaacgas attyttacaa tagaatttat ocaattttga tottittata tiottoisee acacetggas acagaccast .	180
agacattttg gggttttsta ataggasttt gtatasagca ttactctttt tcaataaatt	240
qtittitaat it	252
<210> 239 <211> 153 <212> DNA <213> Homo sapien	
<4005-233	
coecastase gintscript assatities aggeratian tonsatisig ingesegue.	60
acteattgta caggogtgga gacteattgt atgtataaga atattotgad ägtgagtgad	120
doggaghoto tgytgtadoc tollacdagt dag	153
<210> 240 <211> 362 <212> DNA <212> Homo sapien	
<400> 240	
amsamascom tohamaagty yttttilmat aterminist titoosaagg magmaatito tigoittisi tomyggmammi mammamatta mygtmomitt gagtmymmig mittomiota	60 120

aaagagttot ticaggagad atotgtgatt dadtgoattg titttattit otto ctottettit ocaacattito etottotigg tigatatoag goda titettgott tottacigto acctgitaaa cogogittet tigigitagg titt tittettott betgoacigt gicaccaggo tootittigo caattitgga otgi ottacageag aaggototgo ag	etttet 240 gadege 300
<210> 241 <211> 400 <212> DNA <213> Homo sapien	
<400> 741 ggeatgaged acceptance geodesicti thactitist asatagagat gaagi catgitged acceptance geodesicti thactitist asatagagat gaagi catgitged acceptance of gacteaugeg acceptance of the csaugiget gaalianaa egodesic rgaaatiati offaactage aaga totgacates catcottata gitaeasted titaageag gitaageded tootgagagaan tigatggita tooctogaag tgacaginet geaaatgada aaga asatetatta gyttyytysa aaugtaalia ogottitige cactgaaagi aagteggagaancetgag ggaaatgaga gggitggggta tacatagaag	geette 120 etagge 180 tetgea 240 eactee 300
<pre></pre>	
acteacatat geagacetga cacteaagag tegetageta cacagagtec atet tegeaacttec teteg <210× 240 <211× 192 <212× INA <210× Homo mapien	aatttt GD 79
<400> 243 geteracati tylegegaac actitigacte caaagagaag gaggaagaca aagagaaaaagaaa gacaaggaca aagagaagaa gacaaggaca agaaggaag	gogagt 130
<2125 DNA <1135 Homo sapien <4005 244	
mattituted contacted acceptors assissances standing of the catagities among the among the among the among the contents of the catagities and the contents of the catagities and catagities and the catagities and catag	agtgag 120 ettitc 180 gttggg 240 gsatct 300 tgtcca 360 caatet 400 tcaamt 480

dtytttgilt traccaaata auctggtwag etgatatrac aaagggttit aagttatiit gctatacaag giitii	600 616
<210× 245 <211× 165	
<213⊳ Romo sapien	
<400% 245 ttggaacagt ggattasaat ocagaagggg aggggteatg augaagaaac caggggagta atttottacd aascuttace aageastabg ocaagtcaca gagcocagat tatggeeege taccotgasg gttatagaac actrocasga aarageaaga caagg	60 120 165
<130> 246 <211> 229 <212> DNA <113> Homo sapies	
e400> 246 tgtactopat costocaget gggggggset ctcacctgac tattacaata gestectaag tggtttscet acttgsacc ttgcccgtat aatatotate stocaceoag saggsaggge gatoctttaa gaatagaagt tagatoatga aaatgststg stotgatsce tgcaaaagst sgccasstca ttacagtoac sgctgaacto gtagsagagg ttoaggagg	60 130 180 229
<pre><210> 247 <211> 338 <212> DNA <213> Home sapish</pre>	. •
<pre> <220> <221> miec_feature <222> (1)(338) <223> n = A.T.C or G </pre>	
<400> 247 ggeescafig tytacttate otygatgatg craccagtge cetagatga aaragetagt taraggraps geogeteetg tucgaaagee otgayeggta eteoryotea gligebleekas trancagea ceteageetg gtggagrapg etgaeraeat cetetttetg gaangaggeg etatocagea ggggggasee caccancage teatggagas asaggggtge tartgggea tygngcagge teetgeagat getecagaat gaangeette teagaeelige geactocate beceteett ttottoloke tytggtgyag aaccacag	60 120 130 240 300 338
c210> 240 c211> 177 c212> DNA c213> Вопо варією	
<400> 248 tgamaxeanx tyaattetea seteetaegg tteatgtaga gittagagaa aattteeate aligicatea tigaactgig aarrigggaa geragateat gattaxexet gaestexagt ttenagitge agatexatge seecagigtt cagaigagge aasettetee gigaesa <210> 249	60 120 177
<211 > 263 <213 > DNA	

<213» Homo sapien

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cactactocs biccocataca cai	taattgca cacgagtag	e ceangerear	tteteestte	180
acatacacag tatotattom gad	Cifettac agcadegde	c egugigouca	tractions.	2 4 0
attggtaatt attttctcca aaa		g appricigae	TOUTERHOOM	363
astemagtg atetgattad ti	Ē			500
-24 A. 5E O	•			
<210× 250 <211× 333	•			
<012 > DNA				
<213> Nome sapies				
(213) Nome Bapten				
5400× 250				
aaaaaaaaa acagogtaaa tal	btagooca caaqaqoaq	t octabacaat	cacaattaca	60
etgtactace caagaagact gt	rrattoto esocatita	c obitoasaaa	atcattacat	120
ticiatitet tystygagea se	acatteto gaetotgat	t ettaattett	cattgagttt	180
gteaateggs cattgatgut 990	afsochta taithtait	t thatacctca	qaccatottq	240
tgagattigtt tgodtatete at:	aatasant titatosad	a amouttoaaa	ctatqtaaat	300
ggtttftatg gamattatca gt			-	333
ABUCCEACA Bareceacea Se	04000000			
<210≈ 251				
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42125 DNA				
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KZISS WANG Bupien				
-400-251				
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attoacasua pattgggaago at	totataat qaaaatggt	a <u>gaaaaa</u> aacag	bgbgeggaa	180
gccatggggt ttgggaatcg gg	ceetaaaa qaaaacaa	a gittcaaagg	getgagaata	240
gestagett, setgtagace as	torctade oclietica	a atquaqqqcta	ctgagacgaa	300
agacaccase tegithetag ag	ngetaaga actgeactt	т ампамаличес	geggagetga	360
agggagenga geaagsactt te				384
odddolondo domesossas sa				
<210> 252				
<211> 211				
#212% DNA				
≥213∍ Homo sapien				
<400∍ 252				
aaagcagtot gaaaatgggga ca	tetgtaga gaaatteat	t teattettat	cotooggatg	60
tggaalggaa gettlgaggg aa	ფ ეგაიც ეს გუ ეგააი ეპ	g cgggatggga	tgggatggga	1,20
tgggatggga tgggatagga ag	agaggetg gggaatggg	െ കള്പ്പുകേര്ട്ടിട്ട	gtgctgagtg	160
tgotgtgaga tapagdsaga to				211
• • •				
<2105 253				
w2115 135				
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<2135 Homo sapien				
-:400:- 253				2.6
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tacaatgaan tgetttteet ca	agcaataa tigitteea	a citgiotggg	aattgtgtgt	120

otggtaactg geagg	135
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	-
-400- 254 cotgtagodo etgotacaog ggaggotgáa gtgggággát ésottgáadd katgagggtg aggitacagt gaghccagat catgodacta etotacagge tgggtgátaa gagtgágaco	60 12 0
cigiatcama abadagacam ggmmadmad amolegggddy tilgitittg Gagaaigtei	180
ctcaattigg actititiggg caggaataca atacaagtga tacaaaigdt totttaacat	240
tagaacetgt atamaattac cattacagae Ottgetettt taettatagg taaateaetg	300
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â	307
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cotcagitto constituta aagigaggat aatgioocae occatgisae igiggigagg	120 180
aceaactgea acactgtged tgogagtoto ottggaaaag tgtaaggtt0 tabacaaatg gaaagtgatd tgafcadact dagtgtoodd agoddagoot ttdagtgedd tggdootggg	130 240
granging to gardatatic taging court agriculation at gaster to a granding agranging to gardate	300
aacataatti ggtetaaace oottootiti t	331
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c220a	
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tgatgg	186
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s2115 295	
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0.4 202	
აომსა 257 - ლხეტეტნიატ ნიგიანგინნ სხეტელგის ცვეთნითველ ცითანგილი ინიაფნინნი	60
- cactication coaddaddtaa adactotida pidostttto toadadcabb podocatidad - otdaddinoog coaccidatot pedddiaaact dadonanadd daccaraadt meaadcotto	120
chactgaaget teettggtgs tageaagaga tgaaagtgag actgagaaag agaagatcaa	180
gaaactgoca gaatactace cocyaaccet Ctgatgotoc Cagagactoc toogactoca	240

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255
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      <213⊳ Momo ampien
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                                                                       120
gaagatatet taettittea gedaaettit ettitääede täääyeägeC tääggeaatg
                                                                       180
edayataett agsoctitte tettgattet aagtagaaat ggyggtgtet ggystagagg
                                                                       240
                                                                       300
tggagggtgg atgtgetgte gteacagtet agetggeage dagedagged bakkgelgaga
otgototaga agogottoca agosgosgag aogtoaggaa aggosottot tagtaccaso
                                                                       360
ototatgott taatagttgo tigitaagui policaiggg ligagadasa claccagdad
                                                                       420
ttcaaagago teagttetet geteaaetet ettetetagt taeattattt titttoette
                                                                       430
aggarautga ggtaggaaas togottgaac toaggaggto gaggeegeag tgagecaaga
                                                                       540
tescaceace geartecage orgggeoity canagigeta ggattaeagy aatgageeac
                                                                       600
                                                                       BO2
      <210> 259
      -211> 429
      <212> DNA
      к213⊳ Нояю вырі∈лі
      <4005 259
                                                                         60
sassatgict gistogagot ettecagitt gaagieties teeteigigt eileecasgy
                                                                        120
contgrages agethosety grietocogo biocateaga accaetyant becaraatee
tygetatice aagtacetyy graeceddoù oetggaadby taettgagly actgaettag
                                                                       180
aaactigaan aaagagegge aatteeactt egetggtate aggteeegge teaaceacut
                                                                       240
gotggotatg otgtosagga gaacactolt teotgaaaso caccttggod ttcattotgg
                                                                       300
caattteage agagttaatt tgettgetgt tagagatgta geactttate offectatea
                                                                       360
gbasctgite egrytteaga etectgettt ettecagget tacagtggad atcatcaget
                                                                       420
                                                                        429
tootgottt
      <210> 260
      <2115 385
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      %213% Homo Bapien
      <220%
      <2003 = misc festure</pre>
      <2225 (1)...(385)
      4223 > n - A, T, C or G
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togosaatao agtotoagao acagaotoaa gtattatogo aggtoagtat titotgaana
                                                                        180
                                                                        240
egoztatgge agaeggattt gegtatacea aggagagtgg callaggaggg aaaagcatat
                                                                        300
gtggctgaaa cetgtaagtt ggtgttggtt atgeagaaat gtgtaacaga teaaaeggte
                                                                        360
ctotomagty totattanat mygomatmag mactgomyty tagotgagte acatotitita
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gotgactata sateactitg tittl
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<210 > 161

<211> 230

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      <400> 261
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gregatiques tautracear offacungts testatoret collocacea gragamegag
                                                                        120
egateettta agastagaag ttagatestg aaaatgetet getetgatee etgeaaaage
                                                                        180
                                                                        230
tegecacete ettacagtea ecgetgaact egtageagag gttcaggagg
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      <211> 198
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      <220>
      <221> misc feature
      <222> (1)...(198)
      <223> n = A T,E or G
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                                                                        €0
gegtgttaat gtagatetat ttactganae agastetgta gtggsogaga gtggsottgt
                                                                        120
                                                                        180
taagocagga contigtiotig caggotigtigi gitagaagota ggaagtooot ggagtittoac
                                                                        198
coagetitte catgasts
      <210× 263
      <011> 157
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      <400× 263
aasstatatt tetaaacaga atgggeegae teagteacag taaetgttga tetuvatagt
                                                                         60
agagcascho acaeagadag aactgatttt tttoocataa toaggggtga aaaatatada
                                                                        120
                                                                        157
actigitate gaaccaasac cacaatitet goagitt
      <220> 264
      <211> 290
      <2125 DNA
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      <400% 264
                                                                        €0
objectable caseacouty gradeaget gaggadaset tacaageget toscossage
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gggocctato attgoogtgo aggtygagaa tgaatatggt tootataata aagaccccgc
                                                                        180
                                                                        240
ataqatgooo taogtosaga aggosotgga ggacogtggo attgttggaso tgotootgas:
                                                                        290
tteagaeaac aaggatggge tgageaaggg gattgteeag ggagtettgg
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      <21.1> 234
      <212> DMA
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      <400% 265
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                                                                         60
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cagcatorte ottegtetoe tertraceq agagagette tagetthbee gerachtttt oggestgate attitigeet gateetitet titetetete titegatetet tiretgesti enteasett tgittigast titetgitest teleagest caggasgegg akgg <210> 266	120 180 234
<211> 335 <213> IMA <113> Homo Bapies	
4400» 266 gtocketce tocksythig ageceptor ggagtgegga aggccgtott agacustaga ggttggaaga ogetgagage teatorage cagecertig atgitzmaga geagaagama gabgcccasa cagaagaaga cactteccca cygtcabang gcaggbbgcc ecasaaccaa gatggcages ottoctaaga gtgcctcart gocactorca gagrcagaga geoccataaa acceacatca bgtcctaaga gtatatebgg ctmottgacc agcaabogge cobgogagoc acceggtggg asaagogcot otgccagagt coaga	60 120 180 240 300 335
<pre><010s 267 <311s 619 <012s DNA <313s Bomb sapien</pre>	
<pre><320> <221> misc_feature <332> (1)(619) <223> n = A.T.C or G</pre>	
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totytycada aggactotyt aatogygydd datyccadty tadaccaaac diatatydit
                                                                        120
ggtmattggt tetactityt gtacacticy otcateatae agaatggmit tetgtittit
                                                                        180
cteagttget aataceacae catttgeage titaatteee aeggaegggg cteeteeage
                                                                        240
                                                                         300
       get conjuctors and organic reactions ascapacing statestican
                                                                         325
ogaaaagotg taccogogot cogoo
      a210> 270
      -211> 428
      <212> DNA
      <213× Homb sapiem
      <4005 270
                                                                         60
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tgcsaactac ggattcaatt tetttaacag ttatgaagtt etttaaagaa eetgtttggt
                                                                         120
attggggggt tgtggtcacc tgtgcttttc tgagatttgg cocctacate taagttgttg
                                                                         160
watgeatgig ighagaging titatgging biocethich ichtagaagg gictabagia
                                                                        240
atotococty cottatecot agragianta attigigiti tottaniiot iganaggosa
                                                                         300
acacatoaga goataagtgg ttoctaatgo caagotgace toccttgato totgtottot
                                                                         360
acegystati gecatgogec fictifatta ectificagi foaciqatec citicaeeteg
                                                                         420
                                                                         428
otttattt
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      <211 × 206
      <212 DOA
      <213> Ното варієть
      c2205
      <221s misc_resture
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      \approx 223 \times G = A, T, C \text{ or } G
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ogłocogyag codacygneg newłygołyg canagogoło tycalycigy gycigetoci
                                                                          6 D
                                                                         120
ggeettgetg teetreaget etgetgagga gtaegtggge etgtetgemma accagtgnge
                                                                         180
ogłąccegod aegyecegog tągaciąceg diacoddcai gidacodda aggagigdan
                                                                         206
caaceggggs tgetgetbtg actors
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      c4005 272
                                                                          60
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                                                                          23
tgactacago cotototaco tgg
      <310 > 273
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                                                                        120
rgactotgtt ggaagtgggo arggotgotg ogacocacag tocagttott cotggtggoo
                                                                        180
thigenoich acgiggenta cancegosig telegatiaca aacaccanin gagegainte
                                                                        240
cttgttggce teetgeagyg ggdadtggtg getgeeetea etgtetgeta catetragae
                                                                        300
trottoasag coogaceee acageaetgt etgaaggagg aggagetgga aeggaageee
                                                                        360
                                                                        420
ageotyteae tgaogttyac cotopposeg gotgenoene acceptatog atechnocida
                                                                        472
trotectert gaggerggar errgeceagg ragggagetg etgtgagter ag
      <210× 274
      <211> 205
      ≥212> DNA
      <213⊳ Bomo sapien
      2400× 274
congacages egaggaetta egateageas thetetation theoatates geatatages
                                                                         60 B
trgoctycat gygtegtace tggatggtgt gtecarcate garaeggagg ggetggattt
                                                                        120
gtttotoagg caatooteta tittmattii agalgiatii ootgaagcal attiitoala
                                                                        180
                                                                        205
gaatgtageg tgtaaatage tiitt
      2210× 275
      -2115 30S
      <212> IMA
      krijs Homo sapiem
      <400> 275
etectogodi teccescoga deteatgoto caglitocago linggattoec actgggcaac
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                                                                        120
gasattaasa aggachtgga tgccaagaag aaacccccta gtgcatgaga ctgcctccag
                                                                        180
                                                                        240
captgeette aggatutact gattotactg etottgaggg cotogtttac tatotgagos
assagentit gittiogici deageetesg esettetett ettigetags edetgigtit
                                                                        300
                                                                        308
tttgettt
      <010× 276
     - <2115 201
      entrs DNA
      <213> Ното заріел
      <400> 276
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assestassa tittattitig gossatgios igaagtogat aciggoagoa taiggagita
                                                                        120
gttaaaasta gadaacaact gotogatata ttoabaatto tättittitt totgagosta
                                                                        180
                                                                        201
gtcaaagaga aattticall t
      <230≥ 277
      <111> 520
      <212> DNA
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      <220>
      <!21> miac_feature
      <2225 (1)...(520)
       s223 > n = A, T, C \text{ or } C
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                                                                         60
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gagacaggoa staggagagtt asgcagtcat cataaaggaa teagtgtaca ttcagcatgg	180
tgacttgact acacasesat recttereet etactgtage teaagapaga catgetteta	240
acceptgage tatgaggegt ctoegactgt tatttgctgt tagaattggt cttcccaget	300
accectgage tatgagest thousands transfer a tate/hete attttagges	360
aataacagta catctetgge acagatgeta ttggteetta atgteetgtg atttaggaa	420
wrughtiggs the starteness recessared officartae ceccactact	480
ctggcagagt aagggtatge tggtttagta tetttataaa átatetmtaa tgtetaggtá	520
aatcatagto ttaaatcata ootaaaastac tgtatcattt	25.0
<21.0 > 278	
s2115 264	
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a21%s Homo sapien	
TELLS COME ESPECIA	
AND 256	
e400x 278 ogegeeggge ggaactitee agaacgeteg gigagaggeg gangageggi zactaceeeg	60
egegeegage ggaactiter agaacteteg gegagages seggeetead coccessed	120
getgegeaca geteggeget cettocoget ecotoacaca coggosticag cooxisacing	180
cagtagaaga togtgaaaga aacaacttac tacgatgttt tggggggtcaa acccaatgot	240
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⊲210≥ 279	
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13137 132113 1331213	
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tetacttaca aascantaaa aactyteett taaabaatti tettititact tacticaria	180
aatgasaasa attaatgosa acaaattaaa acaatgottt totttttact tgottoactg	240
tetettetat ttattteta tgateactig acacaascat ggattactit gatatetact	300
gasacatsaa tgataaggtt ettaaaggtt gaattaaaag totgggtgtt castatitte	360
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cottogoca tatgaaaata tataatagaa aattacccad gggaaaacat toot	414
•	
<210× 200	
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•	
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coeccetgor tygoctyctt castititity atgecactit glaaacygca cttaattwig	60
ganaatagga aaangoaana otaanataag gangaggata tatatataac tittoacsat	120
cuctificing succeetits gaigecoagt caaccaggas cacacagas titeatitia	180
continues an income garage organization from the state of the continues of	240
tttgtagagt atatgaaaag atttwatagt eteatgeatt ttattttaeg tatactgatt	262
tobacqtttt gactgachat tt	
<210 > 281	
<2115 3 4 9	
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ewermanner ewermen	

```
agcagmatta actoagtitt ggasagaagt toocagaamo amagigatgg macataggit
                                                                       រេទ្យ
aagatgeest actgitgaas geagisaase asacaetoti äegitasaag acaaigeiit
                                                                       240
caatatgtoe gatamaanne gtgaegatat etgbotecaa ctcagtogtt bantegaaeg
                                                                       300
                                                                       349
camtaggang ettgangace augttengog ttgtmt0tgg ttocmgemg
      E010% 280
      <2115 381
      <2125 DNA
      <2135 Home gapier
      <220>
      <221> misc_feature
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      <223 on = A,T,C or G
      <400× 282
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ggaascaasg tttcaasaca sagaaasgtt gagtasaagg tgccccctct atggctcatc
                                                                       120
                                                                       160
tgaaaqaaac attitacica gagaggcaaa catticigat ciaggagtaa gitticocact
cactitiques ggacquaeto attotgosna asqueetada agtetiteig gieteaatig
                                                                       240
                                                                       300
casagtacqt gessatgtgt stgesasgat0 taskeg0tes atattegast asgg0testt
                                                                       360
casateaass biqiqiqetq qbetaastat aestettegg ettetteett titagbasgt
                                                                       381
stittatit Cagatetati i
      <210s 283
      <211 × 543
      «212» DNA
      -213- Romo sapien
      c400> 283
                                                                        60
aptatagete etcectacee ceaacaatgg accetgeera tigesteesa giteritgat
oftontagy: tensoaacto totttttoct thiagittla thoostocay ocaaacotot
                                                                       120
                                                                       180
cttatteaut attitgagee aatgggggag ttatgtagat tttttteeet acacattage
tggcccctnt tatgaccast gactcataag gcaagatgtg tggtggcatc ttcggacagg
                                                                       240
                                                                       300
caqcaqqutt taataggqca gootqqqttg gbggaggdaa gcaaagCtaa tt@gCatgug
tgggaateaa aeeeeaggee etgggeteat tageceatgg teaaaacaae tgageeagag
                                                                       360
gaggtastum titgodusag datmidagia gitodittat tagaaqaada iggotgatal
                                                                       420
qqaaqttqqq qaatetgaat tgecaqaqaa tettgqqaaq aqtaataage tettaqtete
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assetqqtat titatetitq atteteette ageneteane eniggitete atetitetig
                                                                       120
atcascatct titotigodi chetocobt ototoatoto toagotocco todaaccige
                                                                       147
ggggcagtgg tgtggagaag ccacagg
      s210× 285
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<213> Homo sapien

4.20 2.05	
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casagegeag gacasacttg teectgaggt gacatggaad caagtggatt titttggcae	180
thangegous gettoetes officials accettanc coaaagesqu	240
caagecccag aatgaettee seacagattt caaagegggg ateetggege aceagtgaet	300
casactcate geaces	316
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gtotocaaeg otgotoggee togaatggos atgeataggs cagaagtggg cagaagtags	240
toggtgatgg toggottant cagagtggar caaggreera geteettger caaaaccaaa	300
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tyccagyytg gttgactcaa yg	
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:212> INA	
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- etbacaqtea agtocatgga tggetatgaa teetatgggg agtgtgtggt tgeacteaaa	120
todatgatog gragoaoggo dosacagtto otgacottoc tatoccacog tygogaggag	180
acaggesata tesgaggete catgaaggtg egygtgeeda egyagegeet gggeaceegt	. 240
gagoggotot acgagtggat cagcattgat aaggatgagg caggagcaaa gagcaaagco	300 300
ocototytyt occyagyyay ockyyayooc ayytekyyya geegekayee ayeettekek	360 364
gagg	204
NA E. CUE	
6210× 186	
<211> 261 <210> DNA	
alls bus alls Homo sepiem	
CEL : Figure Bugaes	
54005 286	
aaaattataa otootoatto tttetttagu (btagttaat bigagragaa goracaacaa	6.0
gcaaaccada ataaatttaq aattggcaga aatccadatt aactcctctt cccaagtttc	120
cacartacto coattiacad tiquadqtit quasiqtata attaiquasi gcagasacta	180
gotttgactt gtgtaacgat goactgtcaa agtaagcasa gtoagaattg aaattocaca	240
ttoopagaat ttwapactoa g	261
<110× 289	
<211× 061	
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<4005 289	
etgagtigtta aattetiggija atgitgijaatt teaattetta ettitgiettae titigaeligity	60
colledebres mesecalabe estatabenes seemes as a college as a college of	

categitaca caagicaaag ciagitietg ca actgiaaatq giagiagigi ogaaactigo ga ictaaatta tigiggitig ciigiigigg ci agaatgagis gitalaattü t	segaggagt taatgbggat btobgccaat 180
<010s 290 :211s 92 <012s DNA <213s Homo mapien	
4400> 290 ccectacceg aachtacegg tgcceeeegga eg ctcatcegaz cctaggatca tcacattcct ti	
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<480> 291	
ccatggetec getcaggged coggteacet co	spagtcact clightectig activitity 60 meaning character atpacestry 120
tgitteigia esteaagges eigaageigg ag igigggsgee leugggebeg geaggideac at	# 20
- stotggasach beräddenna acadererae ac	modroph catchdron etgtetete 240
- ascaeghtea geteateagg gootaegete eq	3 c 3 3 c 3 3 c 5 c 5 c 5 c 5 c 5 c 5 c
≈21 0 ≈ 291	
-2115 270	
<0105 IWA	
<pre><113> Homo sapien</pre>	
.400 = 292	
costigitie chegologica asggolocht ga	Bacatecot cacettecto tecegeotet 60
geettetget gogteamage togeetttte to	stocagoot tgaattgito coigtiggot 🔧 120
toccasegge coatcigcig glacegicca co	acttecada gecaagadee gagagggett 180
teactgeece magestatet estgtgacca to	gggattotg tottggdaga atddtttgt0 240
ageggetett æstetgtest testgittigg	27û
<2105 293	
k211> 333	
4212 × ONA	
<713× Homo sapien	
466. 863	
<pre><400> 393 ceatgetrit caacetggtg tocactgett gr</pre>	etapetern ettentette etgegetgeg 60
acautogood tetyeotegg ettactette o	etatoquaa caecacagea ectogeteag 120
occtggacco otactogcco tgcaataata a	otgtgaatg ocaaacogat toottcapto 180
-cagtgtgtgg ggeagatgge ateacetace t	545
cgeelctren gegelgtgog tgcctcecce c	gtotgeetg otttgetgge tydaadagea 240
	ogtocotgo tgagaacgoa acegtggtto 300
etggaaaatg erecagteet gggtgeraag ag	ogtocotgo tgagaacgoa acegtggtto 300
	ogtocotgo tgagaacgoa acegtggtto 300
<210> 294	ogtocotgo tgagaacgoa acegtggtto 300
	ogtocotgo tgagaacgoa acegtggtto 300

<213> Homo sapien

2400> 299 orgatarasa tadagsaase tergeorati atocaagaas caastaatta agadtaaaat gosagotgat gigitgoago attoraggge caetaaatag costotgiga tiogiggoas tit	60 120 103
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tagetwatee agtetwagee tagesgatae etiblecate asagittille agagastase	100
aadabohdab aaqaqqodag aggatgqott gigottaaba toadacoigt adagtagggo	240
agtyettees aggetytety ettacattet agebtybeth acgyttacat atgyttetag	300
tattiteatt t	311
4 31 05 296	
<711> 241	
<212> INA	
«213» Нотю sapien	
<4005 296	
otgogyaxga telgesaces cecebacate thecageaca tegaggagte ettiteegag	60 130
cactingging tearinging cattinicaa generagase tutaconad utchinin	180
thigagette tigatagaat tetteecasa eteegageas eesaceseaa agigetgeig	240
trotgocama tgacotocot catgacosto atggaagatt actitgogta togoggoktt a	241
<210 ≈ 297	
<011 > 295	
<2125 DNA	
<213s Homo sapien	
<pre><400> 297</pre>	សព្
adacaraaga igaaaatasi siytistoto saaaysatsa sotaaliggig igaggsatsi castiageig iggagaagis siiggaatta galsisagaa agasagsiit aagasaglaa	120
dacettige castaggeta subgectios sagmagagit chaccigama garetigams	130
gtggagaaat tgtcctacaa agattcttgg atatgttagt geagaleact gacatgegla	240
gotgleggte secosgesso tgtossesso otgatototg caasacoagg atgga	295
<210× 298	
<pre> kll1> 347</pre>	
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<213% Homo eapien	
<400× 298	
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accascanct getacedeag agagettitte taaaaaaaage aagaaageag teatgagigg	120
tattoacect geagaagaea eggaaggtae tgagtitgag ceagaggse (teegaaga	180 040
tgtasagasa gggtttgetg acatocogac aggsaagact agoccatata tootgogsag	240 300
aacauccatg graactoges coagocoory cotgechgos cagaagttag cyctatoero	347
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<210× 199
      -211> 260
      <212 = DNA
      <213> Homo sepien
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                                                                        120
geaggaaagt ttaagtggat glaagttiit ataaggaaag taataagagg aggeigeiit
                                                                        150
tgaaggtoot tigatottoo atgatgataa tatogttyoa aagitottoa aciigiatto
                                                                        240
                                                                        268
aagtaattag cagttgacca cittggitt
      <210> 300
      -211> 185
      <2115 DNA
      -213× Homo sapien
      <400× 300
                                                                         60
azattggaga agyaagttit cotyaagago cagaatoott gotaagtoat ttagatoosa
etgaccatet ttatttetgt casaastett cateatggtg ceggtgtett ettecsgttt
                                                                        120
ageoteagaa atggeettte tgtggtgaag aaagaggtet eggaggaagt tgeggagete
                                                                        180
                                                                        185
agcae.
      <210× 301
      :211: 75
      <2125 DNA
      ≈213∍ Homo Sapien
      24000 301
                                                                         60
aaaattggaa agtgggataa gaaatctaaa gtaaccaget tatettigaa acaatattat
                                                                         75
titigsasting gottt.
      ×210× 302
      <211> 247
      <212× DNA
      k2))s Romo sapiem
      <120×
      <221> misc_feature
      √222× (1)...(247).
      <223  \times n = A,T,C or G
      <400> 302
                                                                         €π.
coatgitoic tgaattyygt gosgasgads agggosgagit ggeigeggod cotalitacci.
ttgtagtage cacateagaa agcogaagaa aacogtattt etgaaggeat tgtttgaggt
                                                                        120
                                                                        180
tgatotoago actgaacgat ttoaagoodt acgcaccana acagsaggag ggtggaggaa
                                                                        240
gtgateanag ggaacgaget gtaggtttge anaaatgtgt gaaaccaaaa tgateaetge
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ctacttq
      ≈210> 303
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tttcagageg egeckthatt gcaectgiga ccacc	gteae tygtgageae tgetgttegg 180
-coccearing actionage diggestyty glast	ggogg togetetigg teageaggga 240
goboboogyootytynabysgaggakaakakgggi	agong antiquency protograph 300
adaettgase agtergases ettttatett taett	ceagg pagtatocea gtatadavat 360
stdaatetgo toLagteeae atgtgtegee tadag	satte aggtgattea teatgaaget 420
caaaggatea gaggatetet edetggaaaa cagga	gtota skaagactgg gwatgacctt 480
thraghorte athighteat asacticagt gartt	gatae ageatgatga aettt 535
6210× 304	
<211> 522	
clir DNA	
<2135 Romo sapien	
<4Q0× 304	
cognyctogg totacaatea egittiatta tiggo	stogte tagteatogg atagagaagg 60
- қызарыдағы аярындағында ағырдұрды ағудұ	agaag geaaggggaa aactattggt 110
tttagatett tateetggte etgteaatga teags	rtaatt gysaggatca aaattaggcc 180
aaactiggta attgggccaa aattgaacca aagtt	tgtgt caagaagaco tggggcagag 240
statetgadt aastdattty gastatycoo agsoo	ocaeg aatattteig occaactiga 300
atgotaecca gaagtocott actgtegmag attgt	maggt tgetattttt ttgecoogas 360
accassist tosiglatit tocascacca attor	coast tototgacad daactogatg 420
ticamesati cagitatati cigicactea ticol	
azaggattda gtdtcadaag attgddddd daddi	ractic ag 500
<210× 305	
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<2005 305	
-cotamagogo tectogotya ayotoaagga qtoos	casty attigition cassyttatt 60
gagigeatal gecagitete etectecies accet	ggtge tgtgaggeat egtetgagge 120
-metagodtay edladattya saataddtat gadda	ecolgo tgoag 165
<210> 306	
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*2125 DNA	
<2135 Homo sapien	
<400> 306	
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ggacacagtt ggtgtcCaga maagggggGt Caga	koacag bitotacada egoachtggo 120
accoacange cagagaogto actosagoag cacas	gedada aatagtttad agdagdtdat — 180
geeeggeate egeeeatget gggagaetee etga	aggte ggcacetgco gtctatgagg 240
aggiginion cincainant ascondamas cacad	castgt gtgaggagag cagg 294
<010> 307	
<211> 181	
<0125 DNA	
<213> Home sapien	

<400× 307

```
€0
assasturat gadarritga tagaasttag agtitacses sacaassag gascuttoga
                                                                        120
tattgoosgo agotakaaag tgaacgtact gagarogara ggacagcaag aaggcatttg
                                                                        100
cacatttata totgapacoo geocatactt toaglicacca gastatolito totocagalit
                                                                        181
      <210> 308
      <211> 179
      <212> EWA
      2013s Homo sapien
      <0000 >
      <221> misc feature
      < (1) ... (179)</pre>
      <123  n = A,T,C or G
      €400× 300
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                                                                         60
aasatactgg atotgotgaa ogaaggotoa godegagato teogeagtot teaqegoatt
                                                                        120
ggonegaaga aggreeanet aategtggge tggegggage teeaeggeer etteagera
                                                                        179
      < 10 > 309
      e2115 129
      <112> DNA
      <213> Homo gapien
      <220×
      <221> misc_feature
      <232> (1)...(129).
      <223> n = A,T,C or G
      <400> 309
orgodogett geolgtagor gadroagntt dereatette ardrodated forfodtead
                                                                         60
                                                                         120
cateacette thetteeter tectotteet ecceacette thectettet tegtetacet
                                                                         129
dattgtoag.
      <2105 310
      <2115 350
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      2013 » Homo sapien.
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                                                                          E O
tgagagtkag eteretgese tgtgtæstte osgggssægg getgesseta atstetgtag
                                                                         120
gaacegiggt aigteigeat gitgeeeett teletittee eelitteetgi eecaecatae
                                                                         180
gageaceted ageotgaaca gaagetetta etettimeta titteagiigin accigigige
                                                                         240
tiggleight igaetttaeg eccaleteag gaeaetteeg tagaetgitt aggitteeett
                                                                         300
grossatute agtiacuese teggiocose tittgitged ecagesaggg atgitattat
                                                                         360
                                                                         390
cottgggggc toccagggca agggttaagg
      <210× 311
      <211> 355
      <212> DNA
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       <220≥
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<221> misc_feature <232> (1)...(355)

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      <4005 311
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                                                                       180
getatanggs nassaattet tegagttesa econanetes tetasacatt tegetesets
aaaacaaaaa gocaecaate ttantaetgo tgaacttoat ttatgtosco taacattasc
                                                                        240
                                                                        300
cntogtagga aasccasata goodtotogt noangatatg tigotaaagg actacentgi
teamement geoteeggte tetemates tettegggte atteccetae tetem
                                                                        355
      <210% D12
      <211 × 498
      211 DNA
      ≼210⊳ Bomo sapien
      <900> 312
coattotttt gwatchaato tattatomat agomtootoo mtamtettt tgatmaaasgg
                                                                         \in \mathfrak{b}
tgtocacoga gagagotgaa aagtttotto tgcagacoga lootttotta acggtttgco
                                                                        120
ttgttgagat tggggaacaa tgggaacaco aaggtaacto cagttaeyaa toatgtcact
                                                                        130
creatifies arctitacat telegratesa eclotecasa titlectices taglitecati
                                                                        240
                                                                        300
aatactgaag atataaagta gaottgetet tättttätea eaattateat gattittigti-
gagtegeact ggeaqgagte ctcgcatgga atctttcacc ttctgtcctt ctgcatcagt
                                                                        360
tecnagtges aggioetgit cagittigea gayettitet atattaaget tgaactatt
                                                                        430
catgonator tetgetaagt taagatgoac aacttgetta gtaatetgtt tteggaaata
                                                                        480
                                                                        498
gageatottt ttratiag
      <210× 313
      -211» £53
      :211> DNA
      -213 - Homo sapiem
      <400a 313
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                                                                         60
                                                                        120
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ttttogotaa agtactggaa atacetgitt etaasaasag etitatatit etoosotgoo
                                                                        180
tagaahagoi otoacocaaa ootoaaaaat aagagoagat agaittiaga agoaagaaaa
                                                                        240
getaameagt geocmiatta titgagacte gevolgeten delecchaag coagithada
                                                                        300
                                                                        360
ttotttgaga ttottggagt gygtgagtoa gggotgaaga otgoboaggo catgtoccot
gotocumets tructeagum cyfecdaggt ggagggægtg gdetglegat fittemetemt.
                                                                        420
tenatogage tetgtgtara tgasaatten teraagtgtg getittgteg aattemgaga
                                                                        430
                                                                        540
tacagomago caegostada acatggagig taqagoacig gtgtacotag oftagaaaca
                                                                        600
coctoggiga algiggiact giggologaa aggaagcaag ggacaggace caggugacts
                                                                        653
ggoggobagg otologgagt tocacacaca colgtgaagc coggodagca CAG
      <210> 314
      <2115 513
      <212> PMA
      <213s Home sapies</pre>
      <4005-314
                                                                         \epsilon 0
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                                                                        120
ct/raglacta thttagesca gactasette teccaeteeg teagaggtgg caggtggcgg.
                                                                        180
gteagtgggy byggeetttt eterocataa utgeetgaac titaaliitat secatalaag
```

€0.

```
240
 aaatoagtya aaggtaaaca acaaggttaa tytaact0ta thataaattt tycatttttt
 ttetetgtga çatatacaag tatattittg titttggage tataaattat tiaatttage
                                                                         300
 satottossa gotoataast tidasettti osaataagaa attitisaett osaataagas.
                                                                         360
 gtotaggact thatggotat taattitact atcassatat cosagggact costtosatg
                                                                        420
                                                                        480
 taatagitat zatiotiota aatateatti gaataatiot ülgüggadge Lagaeteaag
 actatgetac atgcaaacag tacatetata acc
                                                                        513
       <210> 315
       <211 > 223
       <2125 DNA
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       <220×
       <201> misc feature
       \pm 222 \times (1) \dots (222)
       <223> n ≈ A.T.C or G.
       <400× 315
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 cassaaataga aasttuteta giocaleeta aloigaatgg tyolgoliet siatiggida.
                                                                        120
 ttgccttgca eaceggeget coecaaeegc ceggeagega gactgcctcc ttggctgaaa
                                                                        130
 qegiccutur aggaeggigg actgrattgg titgateigt it
                                                                        222
<210% 316
<211> 1633
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4400× 316
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agacytecge ttatgeette titgigeaga catgeagaga agaacataag aagaaaaace 180
degaqqtooc tetdaalitit goggaatlit ocaagaagle ototgagagg tggaagacgg 240
tgtergggaa agagaaatee aaatttgatg aaatggeaaa ggeagataas gtgegetatg 300
ahoggasaat gaaggattat ggaccagota agggaggoaa gaagaagaag gatootaatg 360
rteccassing greategact ggattetire tyttetgite agastierge cecasgates 420
aathodasaa oocoyyoato totattyyay arytyynaan aaayotyyyt yayatytyya 400
ataatttaaa tyacayteaa aaguagoott acatcacbaa gycyycaaag otgaaggaga 540
agtatgagaa ggatgttget gactataagt egaaaggaaa gtttgatggt gewoogggte 600
ctystakayt tyssegaaa awyylygaay ayyaayatya ayaacayyay yayyaagaay 660
aggaggagga ggaggaggag gatgaataaa gaaactgttt atctgtctcc ttgtgactac 720
tlagaqtaqq ggagdqdqt aatlqadada Edlottettt gagaaqlqtd tgttqdddtd 700
attaggitta attacaasat tigatcacga testatigia gictetesaa gigeteisgu 840
aattytoset getttacate aagtygodat gegtytoteg agoscoolga aactetatoa 900
aagtigtada tatticdaaa cattittaaa aigaaaaggo actologigi totootoact 960
ctgtydaett tgCtgttggt gtgacaagge atttaaagat gtttetggea tttlCbtltt 1020
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tatetatagi tigiamasag amesasacsa regagaesas recitigatge teritigeteg 1140
gcgttqeggc tgtggggaag atgcchtttg ggagaggctg tagchcaggg cgtgcactgt 1200
gaggetggae etgttgaéte tgeaggggge atceatttag etteaggttg tettgtttet 1260
gtatatagig acatagcatt otgotgocat ottagotgig gacaaagggg ggtcagotgg 1320.
catgagaata tittittita aqtyoogtaq titttaaact qiitgittit aaacaaacta 1380
tagaactett cattgtcagc asagcasaga gtcactgcat caatgasagt tcsagaacct 1440
Cotytactta ascaegatto geasegthet yttatettet tegtatytte agastycega 1500
```

aatgittitg aagtiasata aacagtatta cättittaga actortorol actatasacag 1560 tesaitteig actoroagea gigaacsaac eccesticeg tigiatitigg agaetggeet 1620 ecctataaat gig 1633

<210× 317

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Gly Ser Lys Thr Gln Ile Pro Thr Gln Arg Tyr Gly Arg Arg Pro Tyr

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Let Let Ala Tyr His lie Trp Arg Tyr Met Ser Arg Pro Val Met Ser 85 90 95

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Ala Cys Asp Asp Ala Cys Trp Arg Ile Glu Lys Val Pro Lys Val Cys

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Ser	Pro	Asp	Glu 100	Ala	Arg	Pro	Гел	Gln 1.05	Ala	Геп	Leu	Авр	Gly 110	Arg	Gly
Lėų	Cys	V&1 115	Asn	416	Ser	Als	val 120	Ser	Arg	Leu	Arg	Ala 125	Tyr	Leu	Lec
Pro	Ala 130	Pro	Pro	Ala	Pro	Gly 135	Asn	Ala	Ser	Clu	Ser 140	01 5	Glu	Аэр	Arg
Ser 145	Ala	Gly	Ser	Val	Glu 1,50	Ser	Pro	Ser	Val	Ser 155	Ser	Thr	Bis	Arg	V al
Ser	Asp	Pro	Lys	Phe 165	ais	PΥO	Len	нis	Ser 170	ьуя	Ile	lle	Ile	11e 175	Lys
Lув	Gly	Hie	Ala 180	Lys	Asp	Ser	Gla	Arg 105	Tyr	Lys	Val	Aep	Tyr 190	Glu	Sei
Gln	Ser	Thr 195	Авр	Thr	Cln	Asn	Phe 200	Ser'	Ser	Clu	Ser	Lys 205	Arg	Glu	T'nx
Glo	Туг 210	Gly	Pro	Суя	Arg	Arg 215	Glu	Met	Glu	Дяр	Th r 220	Leu	Aen	нів	Leu
Lys	Phe	L÷u	Agn	Vel	Leo	Sen	Pro	Arg	Gly	Vel	нія	Tle	Pro	Agn	Cys

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			180					185					190		
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Gly 225	Pro	Ser	Gly	G1n	lys 230	T'nr	Ile	Hie	Ser	Glu 235	Gln	Ala	Val	Phe	Авр 240
Ile	Tyr	Tyr	Pro	Thr 245	Glu	Gln	Val	Thr	Tle 250	Gln	Val	Leu	Pro	Pro 255	Lys
Asn	Ale	Πę	Lys 260	(J)ų	Gly	Asp	Asn	11e 265	The	Leu	Lys	Суз	Ь с о 270	31.y	Азл
Gly	Aεπ	Pro 275	Pro	Pro	Glu	Glu	Phe 280	Leu	Phe	Tyr	Leu	Pro 285	Gly	Gln	Pro
Glu	Gly 290	Ile	lug	Ser	Ser	Aen 295	Thr	Tyr	Thr	Leu	Thr 300	уер	val	Arg	Arg
Asn 305	elA	ፐስር	Gly	Asp	Tyr 310	Lys	Cys	Ser	Leu	11e 315	Asp	Lys	Lys	Ser	Met 320
Ile	Ala	Ser	Thr	Ala 325	Ile	Thr	Val	His	Зуг 330	Leu	Asp	Lou	Ser	Leu 335	Asn
Pro	Ser	Gly	G1u 340	Val	Thr	Arg	Gla	11e 345	Gly	Asp	Ala	Leu	Pro 350	Val	Ŝer
CAR	Thr	11e 355	Ser	Ala	Ser	AYG	Agn 360	Ala	Thr	Val	val	Trp 365	Met.	ГЛЕ	Arp
Asn	11e 370	Ārģ	Leu	Arg	Ser	Ser 375	Pro	Ser	Phe	Ser	Ser 380	Leu	His	Тут	Oln
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Leu	Lye	Lye	Arg	Glu 405	Ser	Leu	Thr	Leu	Ile 410	Val	Glu	Gly	Pàe	Pro 415	Gln
Il∈	Lув	Mat	Thr 420	ГЛЗ	Lys	Thr	Asp	Pro 425	Ser	©ly	Leu	Ser	Lув 430	Thr	He
Ile	Cys	Rig 4 35	Vel	ឲ្យប	61 y	Phe	Pro 440	Lys	Pro	Ala	Tle	Gln 445	тер	Thr	Ile
Thr	Gly 450	Ser	Gly	Ser	Val	11e 455	asa	Gln	Thr	Glu	Glu 460	Ser	Pro	туг	Ile
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Thr Leu Thr Cys Thr Ala Glu Asn Gln Leu Glu Arg Thr Val Asn Ser 495 490 495

Leu Asn Val Sor Ala Ile Ser Ile Pro Glu His Asp Glu Ala Asp Glu

lle Ser Amp Glu Amn Arg Glu Lym Val Amn Amp Gln Ala Lym Leu Ile 515 520 525

Val Gly Ile Val Val Gly Leu Leu Leu Ala Ala Leu Val Ala Gly Val 530 535 540

ValTyrTypLeuTyrMetLysLysSerLysThrAlaSerLysHisVal545550555560

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Pro Thr Ala Gly Val Val Clm Glu Glu Glu Glu Asp Asn Leu Glu Tyr 50 55 60

Map Ser App Gly Ann Pro Ile Ala Pro Thr Lys Lys Ile Ile Asp Pro 65 70 75 80

Leu Pro Pro Ile Asp His Ser Glu Ile Asp Tyr Pro Pro Phe Glu Lys 85 90 95

Asn Fig. Tyr aso Glu His Glu Glu Ile Thr Asn Leu Thr Pro Gln Gln 100 105 110

Leo lie Asp Leo Arg His Lys Leo Asm Leo Arg Val Ser Gly Ala Ala 115 120 125

Pro Pco Acg Pro Gly Ser Ser Phe Als His Phe Gly Phe Asp Glu Glo 130 135 140

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Leu	Ile	អវ៩ 195	Ile	Net.	Aep	Gln	Lye 200	Glu	Leu	Glu	Pro	Gly 205	Аер	Gly	Pro
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- Lys Thr Val Ile Asn Tyr Asp Val Ala Arg Asp Ile Asp Thr His Thr 450 455 460
- His Arg lle Gly Arg Thr Gly Arg Ala Gly Glu Lys Gly Val Ala Tyr 465 470 475 480
- Thr Leu Leu Thr Pro Lys Asp Sor Ash Phe Ala Gly Asp Leu Val Arg 495 490 495
- Ago Leu Glu Gly Ala Ago Glo Hig Val Ser Lys Glu Leu Leu Asp Leu 500 5D5 510
- Ale Met Gln Asn Ale Trp Phe Arg Lys Ser Arg Phe Lys Gly Gly Lys 519 520 525
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Val Thr Ash Leu Glo Glu Val Ala Arg Ile Val Cly Aeo Ser Gly Leu

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_250		Tyr	بيزع	I.V.P.	APD	Thr	v-1	N=)	V-1	Glo	Asd	Leu	Gly	Asn	Ile
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Ser	Gly	Asp	Lye	val 325	Æg	Net,	Asp	Pro	Prc 330	Сув	Thr	Asn	Thr	Thr 335	Ala
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Pro	Glo	Gln 355	Leu	Fro	Gln	Trp	360 Asp	Met	Cy s	Æn	edq	Leu 365	Val	Aen	Ľeu
Gla	Tyr 370	Ang	Açg	Leo	туп	Arg 375	Ser	Met	Asti	Ser	Gln 360	Tyr	Leu	Lys	Len
160 385	Ser	Ser	Cln	Lys	Туг 35 о	G1n	He	Lou	Leu	Тут 395	Asn	Gly	Asp	Val	Asp 400
Met	Ala	Сув	Asn	Pho 405	Met	Э1ү	Asp	01u	Trp 410	Phe	Val	Asp	Ser	հ ծ ա 415	Asn
Gln	Lys	Met	Glu 42 0	val	Gln	Arg	Arg	Pro 425	Trp	Leu	Val	Lys	Tyr 430	Gly	Ąsp
Ser	Gly	Glu 435	Gln	Ile	Ala	Gly	Phe 440	ral	Lув	Glu	Fhe	Ser 445	His	Ile	Ala
Phe	L⊕u 450	Thir	He	Lys	Gly	Ala 455	Gly	His	Met	Val	Pro 460	Thr	Assp	Lys	Pro
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Pro	Lys	Leu	ülu	Glu	Met	Met	Leu	Leu	Ser	Aen	Gly	Ala	Pro	Gln	Phe

		35					40					45			
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Ser 65	Ser	Ser	Gly	Gly	Gly 70	Gly	Gly	Gly	Gly	Gly 75	Gly	Ser	Азп	Scr	8e1 80
Ser	Ser	Ser	Ser	Tha: 85	Phe	Asn	Pro	Glo	Ala 90	Asp	Thr	Gly	Glu	51n 95	Pro
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Leu	Val	Ser	Met	Thr 165	Asn	Pro	Pro	Ala	Ser 170	Ser	Ser	Ser	Ala	Pro 175	Sei
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Pro	Ala	Ale	Lys	-	gly				Pro 250		Ile	Pro	Asp	Tyr 355	Leu
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40

Leu Leu Glo Gly Trp Val Met Tyr Val Ser Leu Thr Ser Phe Leu Ile 50 55 60

Ser Leu Met Phe Leu Leu Ser Tyr Leu Phe Gly Phe Tyr Lye Arg Phe 65 70 75 80

Glu Ser Trp Arg val Leu Asp Ser Leu Tyr His Gly Thr Thr Gly Ile 85 90 95

Leo Tyr Met Ser Als Als Vsl Leu Gln Vel His Als Thr Ile Vsl Ser 100 105 110

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Giu Ser Gly Met Lys Ser Ser Lys Ser Lys Asp Val Len Ser Ala Ala S0 55 60

Glu Val Met Gln Trp Ser Gln Ser Leu Glu Lys Leu Lou Ala Asn Gln 65 70 75 80

Thr Gly Glm Ash Val Phe Gly Ser Phe Leu Lys Ser Glu Phe Ser Glu 85 90 95

Glu Aen lle Glu Fhe Trp Leu Ala Cys Glu Asp Tyr Lys Lys Thr Glu 100 100 100

Ser Asp Leo Leo Pro Cys Lys Ala Glo Glo Fle Tyr Lys Ala Phe Vel

His Ser Aep Ala Ala Lye Glo lle Aen lle Asp Phe Arg Thr Arg Glu 130 135 140

Ser Thr Ala Lys Lys Ile Lys Ala Pro Thr Pro Thr Cys Phe Asp Glu 155 150 Ala Sin Lys Val lie Tyr Thr Leu Met Giu Lys Asp Ser Tyr Pro Arg 170 The Leo Lys Ser Asp Ile Tyr Leu Asn Leu Leo Asn Asp Leo Glo Ala 190 185 130 Aen Ser Leu Lys 195 <210> 340 <211× 316 €212 - PRT <213° Bomo Bapiens <400 × 340 Met Ala Thr Phe Val Glu Leu Ser Thr Lys Ala Lys Met Pro Ile Val Cly Leu Gly Thr Trp Lys Ser Pro Leo Gly Lys Vel Lys Glu Ala Val 2.5 Lye Val Ala Ile Asp Ala Cly Tyr Arg His Ile Asp Cys Ale Tyc Val Tyr Cln Asn Glu His Glu Val Gly Glu Ala Ile Glo Glu Lys Ile Glo 55 Giu Lys Ala Val Lya Arg Glo Asp Leu Phe Ile Val Ser Lya Leo Trp 75 Pro Thr Phe Phe Glu Arg Pro Leu Val Arg Lys Ala Phe Glo Lys Thr Leu Lys Asp Leu Lye Lou Ser Tyr Lou Asp Val Tyr Lou Ile His Trp 105 Pro Gla Gly Phe Lys Ser Gly Asp Asp Leu Phe Pro Lys Asp Asp Lys 120 Gly Asn Ala Ile Gly Gly Lys Ala Thr Phe Leu Asp Ala Trp Glu Ala 135 130 Met Glu Glu Leo Val Asp Glu Gly Leo Val Lys Ala Leo Gly Val Ser 155 150 Ash Phe Ser His Phe Gln Tle Glu Lys Leu Leu Ash Lys Pro Gly Leu 170 165 Lys Tyr Tys Pro Vel Thr Ash Gln Val Glu Cys His Pro Tyr Leu Thr

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Aen Val The Val The Pro Lye Ser Val Thr Pro Ala Arg The Val Glu
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caggiatiga geagittett ggecaaigge eigagaaace aesigieset giesaggggt
                                                                        240
galtitatto gittiaagto gogaagtast occalqisci talticitas atacciagga
                                                                        300
agttettett ggtggeteet ettggeeete eestettet eespeaaree aesatorige
                                                                        360
maggeaagga atggeetete detecacaga ggeaacgget geagagggag caetghgget
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gggootcagt gartattot tgtaaggott otggatata	in administration of the first of the contract
attgggtgcg coapgoocco cocggacasa daccpaap	o pahogastap etcescacta 240
grattgatan ngttaaatat toacagaagt thoaggaca	o agtetepatt acetogract 300
catebacate daeagnotes etgoametas grageetag	a arnngaegan acqqotqtqt 360
attactgtgc gagacttang goodgttogc tgtggtggg	ra ettaatgaes ettitgaeat 420
etBBadocas Badscaptana Peredicta promites	in goattogede caakeetti 480
ecceptatet cetytysags atteccegne gyatacysag	re secret 525
Concentration and and an area of the state o	,3-3-
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6212 DNA	
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· · · · ·	
eg00x 347	
coagacgety actigities gagteetiaa geaggaagg	ya titgaaatoo igqayotteg 60
- dagtettget etteacetet aagedaatgt tgadeestt	re atetataaag teracaacte 120
- topggaagt, atootesogg ametgtegag sayttamgg	ში ემშშმიადიც გმდბმდოგტი — როთ
- egeceggigi gaiggeacht eggietecag gasaggigt	tt ottattagoa gtgatggata — 240
- caegototeg ceccogotoe godogagoto caticoaggo	od appdadeda edapadeda 940
- geaceaggin gitigicagia ecaectigata ceaginagi	ta gootogotot agragygodt 360
chaccatuse degageatte theagaseet geagggagt	ta otocoggaac atgggggtgd 420
agg	423
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<pre></pre>	ce ceectorote cectoroest 120 ce tacarecec cacatacare 180 ee wetoottoor oggaaggagg 240
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<pre></pre>	ce ceectoocte cectgodest. 120 ca tacadecaca cacetacade 180 ee estocttood oggenggagg 240 tg atggotgena toatgtgage 360 tc attoccaagt ototatgaag 360 gg osgoototgo agotactdag 420
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<pre></pre>	ca caactorote cactgoraat. 120 ca tacaracaca cacatacaca 180 ca tacaracaca cacatacaca 180 ca estocitoro eggaaggagg 240 tg atggetgaa teatgtgapa 300 tc attocesagt cictorigaag 360 gg esgectetge agetseteag 420 gc catgaggete titgcotagg 480 513
211× 513 212× DNA 213× Home sapies 2400× 348 cototagged tgatgetote agasgemata gaagmaaag cagedastga sacretoota accetotice coaclance ctaaataaa agasgacaat geatgastg gagatorae cacacacacy cacagettee tuteagema agasetyca acaactoged accecautea aggettygts stetaasyst ctogstaasaa tecagggaga aaatgittea cetteaget cocycecac tucacatag gagaactgib getotaggs aataggtygs aggasgget geetityags etgecitas aatagstygs aggasgget geetityags etgecitas aatagctyga patgggaget geagggget cag 210× 349 211× 231 212× DNA 213× Home sapies <400× 340 cettattet ettgteettt ogtacagga ggaattigs attgactoog tetgaactca gateacgtag gantitaal	ca caactoocta cactgodast. 120 ca tacacacaca cacatacaca 180 ca tacacacaca cacatacaca 180 ca tacacacaca cacatacaca 180 ca estoctoco eggaaggagg 240 ca attocesagt ctctstgaag 360 cg cagoototgo agotactcag 420 cc catgaggete tttgcotagg 480 513 80 gtagatagaa acegacotgg 60 cc gttgaacaaa ogaacottta 120
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                                                                        120
aaatgacaaa gaggcagcag gagagggeee agenetgtat gagganeeen eagatezgaa
                                                                        180
amonteacce agiggeamad eigecacace caagaicige teliggamig iggaiggget
                                                                        240
togagootgg attaagaaga aaggattaga ttgggtaaag gaagaagoon cagatatact
                                                                        300
                                                                        341
grącertema gagaceamat etteagaeaa caametacea e
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      ₹211 > 256
      2212 - ENA
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                                                                        120
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gotgagesag caaaggtggt cetegeggag gtgateeagg egtteteege ceeggagaat
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gcagtgegda tggaogagge tegggataad geetgeaang acatgggtaa gatgetgeaa
                                                                        240
                                                                        256
tregractar course
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      allia mied_feature
      2220s (1)...(368)
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agitecatea ggateceatt egeageetti ageateatgi agaageaaac igeacetatg
                                                                        120
gotgagatag giggaatgad otaqaagati tigigittid tagdigicca ggaaaagcca
                                                                         180
tetteagtet tgetgaeagt caaagageaa gtgaaaceat tteeageeta sactacataa
                                                                        240
                                                                         300
aagoagooga accaatgatt aaagaootot aaggotocat aatoatoatt aaatatgood
associating translitting titterated agrationals tosedation stratchiat
                                                                         360
                                                                         368
ttacatgg
       <210× 353
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       c2125 DNA
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 Olgangggty goagtasgos atgaggatgo gotalaasgo tottaactog otsagogoda
                                                                          60
                                                                         120
 teettgggea ggeattteag acaeatetgt agagagggea gtageatete egataggeea
 gototgaagg aagontaatg obtaatadag loadactgoa laaantagot tagaatgoto
                                                                         180
 tettgggtaa aasatattaa tagtgtatat geaettgaag agesaaakte eteaagaaaa
                                                                         240
 assitttaat agcaaggagt ttocatcagt cooggtottt gtgaggatta ccacaacaaa
                                                                         300
 cacttamang gatacascag gracttatta aatgetgeet tgeetttise eterteettt
                                                                         360
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<pre><010= 355 <211= 347 <010= DNA <213= Bono sapien</pre>	
coegtggagg ggtggggta tegatonogo ogggggotgg ottggttgot ggtgoodtga genettetet genegeotgg gtgtgeett cadtgatgga pgtgggggta tegatonogo ogggggotgg ottggttgot ggtgoodtgatonogotgaton	80 120 180 240 300 367
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<pre><p11> 323 <p12> DNA <p13> Homo maples</p13></p12></p11></pre>	
costadação digitiques agendadas giracterio etacedist compandidat geograndes controles tonganetes actionadas etacedes agendades grandades grandades grandades transactor ettenages actionadas actinguadas designadas transactores ettenages cantanadas actinguadas ettenages ettenages transactores transactores ettenages et	60 120 180 240 300 323
<210> 358 <211> 555 <211> DNA	

<213> Homo sapien

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attteasaga asettgagag seeggactac agagococga gitaata	
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aggtgattaa watwatttga aggcgatett ttaasaagag attaaac	
angacettga aateeatgae geagggagaa ttgegteatt taaagee	
tactamacgo mgacgaman ggammanta attgggagtg gtmggat	
gaagataqaa giitgaagig gaasacigga agacagaagi acgggaa	ඉඉට ඉකස්ඉක්සෙස්ස 420
atagagaaga tagggaaatt agaagataas aacatactit tagaaga	
taaacetgaa amgtaggoog cagaagaaaa aagacaagot aggamac	
caasabgtac accac	555
<210× 359	
#211# 549	
REIES DNA	
<213∍ Hom> gapien	
.405. 250	
<100> 359 - etgengent grandene etgenstype acad@cont.syte@pri	qoe ottootogae 60
etgesagget gasaagsage etcagetdes acadegeest euteacu	
 agteactice actggtggae caegggeece cagecetgtg teggeet teasecaeg tetgeeaeca gageeraett coatcetete tagtgtg 	
geageatetg gangagetet geageeteea caretaerac gacetee	
sygements agreented Stategars gagggtigas Goigage	
cappecoatg capteaaaga tiggatitta cagetastig caattea	· · · · • · · · · · · · · · · · · · · ·
tuanaantgg gaacatacag aactotaana gatagacato agaaatt	• •
titteaassa ateaqeasii coccagegta gicaagggig gaCactg	
gatgggatgg egaceggges agetttette etegagatge tettget	- 00
tgattqat	549
<210÷ 360	·
:311> 289	
<2125 PNA	
<213> Homo ampion	
	•
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cotsaatght tgatctobgt ttgtcattac tittlcaasa ttatitt	
taatniataa aacticitgo tiaaattgaa titotätätt agtgytt	
taaagggate attateagta atticatage aactgiteta gigitti	- -
agaattagga attigagata totgattata tittitoatat gaatoac	ag Adr
<010= 361	
42115 311	
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≈213> Ното sapien	
4400s 761	
ctytteagta tygenawggy eaganttact colteatora ctetget	ged ttgatgaggt 60
gameacacto quateagato gagogougga tacotoccas egectos	
ctgaaacaat tgggcawagg ctggacattt casaaagctg actteca	
ggtatagsar tigatgotte colcasgice igacigotet ticigag	
geraagaaat gagetgetee agetteteea gageacagea geeteet	
atolgoagoa g	311

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      <2115 496
      <2125 DNA
      <213 - Homo sapien
      <220×
      <221, misc feature
      <2025 (1)...(496).
      <203 > n = A, T, C \text{ or } G
      <400× 360
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                                                                          60
                                                                         120
aactotgaga tgaacaatat gtgttataot cagagattaa caatotcaat catacatact
                                                                         190
gattotttka gadetttaat aeddacteds Ettitttgde liestgaagt tigactetat
gigtaaaggg actaaatait tiigeaacag eeigiteiti giieatieti tieiggoiag
                                                                         240
cotypicated greategage againtated attempting chasatates grateaeetg
                                                                         300
agetgatasa etggagtact aettaasmaa sagtetgtga titataagat gestatgett
                                                                         360
totalgigae talasgoing igdacasigi ilaaaagaaa aacaalgaat tagaagagai
                                                                        420
pecceptede ceagletgae atultiteata cagaatgitt aaaagaaaaa etelgetägi
                                                                         480
                                                                         496
oftqqcasac atttqq.
      <110× 363
      €211> 673
      <212 > 1MA
      <2135 Homo Bapien
      <21.0 ≥
      %721> misc feature
      <202 - (1) ... (673)
      <2235 n = A,T,C or G
      <4005 363
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ccasgagyya gatamnacsa acticicasa caasaagsas agaasaacga aligaticate
                                                                         120
tgetttaate agtgtgatta atgeageace eattgeeeeg ggaacegttt etgetgtact
alcongated teamergate organization activation accordance goodstages
                                                                         180
astagaaatt cagoobogoo aagtaaggot tigigoatag tgioticaig togogbalag
                                                                         240
Migagogogt tottagosot togottostg gacayotoat tagigititig actitiotta
                                                                         300
                                                                         360
copagegita attgoattet tgettitaga exacticett tittgtagtgg tg88000190
cotttagtac agthcaegig aetoiggata attgifeate ittgittiag citagatace
                                                                         420
                                                                         480
atqtaqtqqt ctqtqqctae agga@ctqq ttctqtCtqC ttcC&C@qCC tqCtt&&&&&
                                                                         940
actgrotgae thogtgaata tagagaccaa gtttaccact totgatgaag agaccaatta
                                                                         600
agatteatte eteatteigt tietticeag igggagaaga giecocatga asteagaiga
sachgatton abgoardagt adabgtagge blobcodtbg ograsagebt aacaatbbgt
                                                                         660
                                                                         673
aqqaaacttt ggg
      <210% 364
      <211 - 495
      <212 - DMA
      <213× Homo sepiem
      <2000×
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                                                                         60
                                                                        120
agactggggg acgggggate tettetaatt cattgttttt ettttaaaca ttgtgcacaa
gottatatto acatagasag catatacato thatasatos cagacittit titaagtagi
                                                                        190
                                                                        240
      the charge out titacaraca tattiagnes acadeatota taadtetdee
                                                                        300
gozatacaga ggacacacta tocagaseag astgaacesa gaacaggotg tigcassaat
                                                                        360
attragtoco triscacara tagricadaci teatraatge aaabaatgia griggitatta
                                                                        420
aatgtotgaa agaatoagta totatgatto agattottaa tototgagta taacacatat
                                                                        480
tgttoatoto agagitgitt tgittiaaag cogtggtaga tgottototi taaatgigom
                                                                        495
tittitagaa acigg
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                                                                        120
ctocagtosa egittəbaseg gaagtasaat etgitgasat geaccatgas gettigagig
                                                                        380
aagotottoo tygggadaat gugggottoa atgloaagaa tylgtotyto aaggalgtto
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                                                                        231
gtegtggeaa egttgetggt garagraaaa atgacceaec aatggaagra g
      <210> 366
      <2115 277
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      4400: 366
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ccagggatec tygagtexax gcagexyeec cygttyttyc acteettygg gytgacatyg
                                                                        120
                                                                        160 .
gggtageeng eagteeacee tgteettgge tggeaeggea caetggtttg cagacaggee
cacqtactoc boagcagago tggaggadaa gcaaggccag gaccagcccc agdatgcaga
                                                                        240
                                                                        277 .
gegetetgge agecatgace acegtggget cegggae
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      <211> 311
      <212> DNA
      ≠213× Homb sapiem
      <400> 367
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                                                                         60
                                                                        120
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acagettere ggagaagagg teategatet telggiggea glockeetig aagaggitige
                                                                        180
                                                                        240
tgatgatgtt getgeeegag ggacacaaat tgttettgag caetgaggtg gtcaaagcag
                                                                        300
teagtgtget ggagecaeag eagteaageg tetegtggaa ggtetteace acageettgg
                                                                        311
ogtitettigge g
      -210× 368
      <211> 384
      <212 \times DMA
      :213× Homo sapien
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<400> 368

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cceasgoggt Ctctagotgo tgototgotg ctcctgotos tggatgagtt tggcgalogg
                                                                        60
                                                                       120
geoggigaig cegeciatea aggieragia eteategaag eigaigegee eatcaggait
ggcetchage thoragatge gertalungh agnothedag theddigigt degadageat
                                                                       180
                                                                       240
gtggtteage tetttetgga geatetegeg gammetgete ttgetgatet tgttettgae
                                                                       300
caggotgiac (taquescat atetglagaa gitticcace aggacaatga etgecitete)
                                                                       360
ragetorgtg tageaagtet garateteer tyrttegret gelygeyyyy retamyyryy
                                                                       394
gggccaegod cegttadagd doeg
      <210> 369
      -211> 216
      <212× DNA
      <213> Homo sapien
      <400× 369
                                                                        €Ð.
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gaggotgoca topagaacot caatgaagoo aagaacbatt ttgcaaaggt tgactgoada
                                                                       130
gagogoates gggaogtogt tiactionag geoaganiet ancatacent ggggaagaen
                                                                       180
                                                                       216
caggagagga accegtete gatgetette eggeag
      a210s 370
      <211> 561
      -112: DNA
      <2135 Homo sapiem
      <400× 370
                                                                        60
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                                                                       120
atygthiggg godactgogt actggaceae tetgageett cagggcaggg tichtgigag
                                                                       180
tottoatyto atdagatada tytttoaggy Catytytäät yeteteoood tyättäätet.
gegogaacag tgetgagegg gaageagaet eatetgagee tgaactggta gagaetgggg
                                                                       210
gaygagggqg godtggtgyx gggggaggag gacutgatoo ggcagagggt ccagatggca
                                                                       300
gtoegeteag ttettttgee abaggebeeg ttttgeteba ggebagtoog gtggtatgga
                                                                       360
                                                                      420
actorblast grangertyc agetergtor anniaethas ataagethig accomplete
catgettett atesmoatet tigiastett igaggaeteg gittgiatam amemiggegg
                                                                       480.
catosticat (toittogoa taagggocag gottgggage catagecade cageecaggg
                                                                       5 2 0
                                                                       561
cotogatact thogotoaca g
      <210> 371
      -211> 518
      02125 DNA
      <213> Homo sapion
      <400> 371
                                                                        60
rocactticoa togotetotg gigigaggea cagegaggge ageateigga ggageteige
agostecaca cetaccaega cetoccagog etgageteag gaaaaaccag ecavtgettt
                                                                       120
                                                                       180
sosgyeckyg yggitgasgo tysyccogo otoacsocca occocatyca etcaasgatt
                                                                       240
ggattttada getaettgea attoaxeatt eagaagaata aaaaatggga acatacagaa.
chobasaaga tagacatoag aashtgttaa gttaagotob thoasaaaan cagcasttoo
                                                                       300
                                                                       360
ccagogtagt caagggtgga cactgewege tetggeatga tgggatggeg accgggeaag
                                                                       420
ctitetteet egagatgete tgetgettga gagetattee tiltgitaaga tataaaaaagg
                                                                       180
ggittettit igiettietg taaggiggar ticcagetti igatigaaag teetagggig
                                                                       518
attotatted tgotgtgatb batctgctga aagetcag
      <210> 372
```

<211> 335 <212> DNA <213 - Homo ampien

<400> 372					
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gcettgeage cygtgglges	eesgccsaag	ggaaaagcac	@\$\$03506\$	tgagaagtgg	120
-cognocuegy tatalanili.	Lanctanast	cecetetec	ECECCOGAGE	tnatetetan	180
იითიცვაცი ფაცვაცვაცა	ttttaatolg	ggatoctggg	gattatggat	cootagedaa	240
taaageggga eascettete	totgotgato	coagetttac	atactggaca	etettgeegt	300
totegoogta totodegoos					335
• -	•				
<210⇒ 373					
<211> 467					
<2125 DNA					
≈213⊳ Homo sapi0	∍n				
€400> 373					
ccaptagetg matcttgaca	tggaaggttt	tagotaatgo	caagtggaga	tgcagaaaat	60
gotaagttga ottaggggot	gtgcacagga	ectesaaggo	aggsaagtac	teastettgc	120
tgagageate careeragga	aggaetttae	cttocaggag	efecatactg	derecreece	180
caguçatasa etggalgact	ttatuctorg	tgttccattt	adeveraces	gtggcagtgt	240
ctccaccace tatgatggtg	atgeageece	tagaagtggc	ttteaccase	toatecatge	300
gagetttggt teedogggda	aaagct.t.ccc	attcasated	ccccacagga	ccattccaca	360
caatotyott agcocyagtg	acagootoag	catacttett	gotgotttox	ggaccacagt,	420
ccaageccat ccagecagea	ggtacgccag	aagecaeagt	ggottgg		467
<210 × 374					
c211> 284			•		
<212 DNA	•				
<213∿ Homo sapi	en ·				
	•				
<400 = 374		statte at an	Etttthakan	atottolene.	<u> ទីព</u>
tttoogiaas agog tg taso	өздддидин	ataccessas.	- CICCOBAGAC	octaacaca	120
accegangge engengene	getteeratg	greateasa	rogeacacec	tecentiaec	190
attocagget cagtettgtg	accdcagaac	caceggggac	catttquate	actochecot	240
ttaccogate gottgtgace	- pagagagaan	tagartaaaac	ttaa	MCECCECOBEC	284
tgtctagccc tgtgttcgct	drāðangu d	ragaggragg	read		
<210× 375					
<211s 307					
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<213> Homo sapi	en				
<4005 375					
cetactetto tengtheeatt	qtactatetq	pecataataa	ggatggcagt	aggat(atal	€0
tigatgacti ccyagaagca	tattaltage	tocytoataa	tactocagag	gatucgaagg	120
teatgreetg greggattat	qqotatoada	ttacanetat	ggeaaacega	acaattttag	180
tggacaataa cacatggaat	aatacccata	tttcccgagt	egggcaggca	stggcgtccs	240
cagaggaasa agretatgag	atcatgageg	ageteqatqt	cagctatgtg	ctggtcattt	300
ttggagg					307

<210> 376

a2115 650

≈2125 DNA

<213> Homo eapien

```
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             <2235 n = A.T.C or G
             <4005 376
                                                                                                                                                            60
costteneth ctmacqtgat etcatcatct eccaeptcat ctteecasaa etceeecat
ttotoagtoa otgowaagta goodtotog tiggagoaco ggaagagaog tgigigitto
                                                                                                                                                           120
atglactogg categicate stagggette tytgecodss tydecaceds gasgasytte
                                                                                                                                                           180
traggetret carettegtt gataacetge tigetgtagg aggigteaaa caiggigtie
                                                                                                                                                           240
                                                                                                                                                           300
aggetgtett etgecaactt ggettegtem gegtetgatg coeggeedad edaggeacac
acquigecet ggttgteete acteteauag gguaeettga ggatguagea gaucteggag
                                                                                                                                                           360
ttaaqqaqqo tggaqtaggt qttgatctgg atgceccggg tgcegagggc gctgccgttg
                                                                                                                                                          420
gtwoggatot ggtagagget gggetgttgg gegeeetgga eegeetteet ettgeeetgg
                                                                                                                                                          480
tygstystys sottoptoli yssatgygad sygaadtyg gytholody olydygyto
                                                                                                                                                           540
atgogbacca ectemagett emcagggaag aggebotoga aetbetttty caggetgaag
                                                                                                                                                           600
gtgaaggtga cccacceata tigggagget ticaeggece igecagaagt
                                                                                                                                                          650
             <210> 377
             <211> 306
             <7125 DNA
             -21.35 Homo sapien
             <720>
             <221> misc feature
             *2029 (1)...(386)
             *223 * p = A, T, C or G
             <400> 377
                                                                                                                                                            60
totagatgoa tgotogagog geogopagig tgatgganat otgoagaatt ogopottoga
goggoogeon gygnaggtto gggtgetged ttdacetged aggedetted degetagett
                                                                                                                                                           120
geggegages gagetgegto cagtggaaet saageeghte caggattate assaschgag
                                                                                                                                                           190
                                                                                                                                                           24 b
ragraectt gggggardtg gatoatoacg gaetoceora actggaaggt offictstgg
                                                                                                                                                           300
cotexation ogbotemagg ecangeotte escotacagt ggagtetten gesconageg
                                                                                                                                                           306
ogtoga
             <210> 378
             a211 - 199
             <212 > DMA
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             <220>
             <001 > misc_feature
             <222> (1)...(199)
             <223 × n = A,T,C or G
             <400≥ 378
                                                                                                                                                            €.0
coacenging cactingging typotectet gitaltingto cleaning as agencate
atotocaaat ottgecattt gtataetttt ggtggagadt tggatgtdat atottotttg
                                                                                                                                                           120
                                                                                                                                                           180
166 to the test of the state of
                                                                                                                                                           199
atretgtgat tootggtgg
             <210× 379
             <2115 215
             <212> DNA
```

<213> Homo sapien

```
∢2305
             <221> misc feature
             <227 \times (1) \dots (216)
              222 - B - A T C Dr C
             <400> 379
                                                                                                                                                             €0
company testessay aggestate tigestage coigcoatt company.
                                                                                                                                                            120
caegicamaq cottoqtimo qiqomamaqo maiggotico miggomaigo cagomgomio
cttgccatag coctittcas acaactgcac catggtgcgg ccaccatgct tctctggagg
                                                                                                                                                            180
                                                                                                                                                            216
qtqtaqqqon etcamacgoo gqqtqtqtqt acgcag
             <210 - 380
             <211> 555
             <212> DNA
             <213> Homo Bapien
             <400 × 380
costoggest techniques tessaggast termaseage saatagaagg teingagata
                                                                                                                                                              60
                                                                                                                                                            120
gtgawaatgg tgatyatato titagaaggt gaayatyggt tggatyaaat ttattGatto
agtgagagte tgagaaaact gtgegtette aagaaaattg agaggeatte catteactgg
                                                                                                                                                            180
                                                                                                                                                            240
coordinate the constraint of t
ctacaggaga gagttaaaaa gacttggaca gttgtggatg cadaaaccct aaaaaaagaa
                                                                                                                                                            500
                                                                                                                                                            260
getalarasa aegamacagt ttsiligetts estgetgetg atgamsetge egtiltaaas.
gangatatta ticaaggytt conctatyga antgatatug ticotticto taaagignat
                                                                                                                                                            420
gaggaacaaa tgaaatataa atoggagggg aagtgottot otgittitggg attittgiaaa
                                                                                                                                                            480
                                                                                                                                                            540
tottotoagg gtoagagamg attottoatg ggaaatoaag ttotaaaggo titgeoocaa
                                                                                                                                                            5.55
gagatgatga ggcag
             <210× 381
              <211> 408
             -212> DNA
             <213 - Homo Bapies
             <400 > 381
ctocaccago tgegactita ggtcocatta agecoattge locagggica agtccaacto
                                                                                                                                                              60
cttttccatc atactgages gesaagttee eseegagaee aggggggees ggoggseesg
                                                                                                                                                            120
gtggaccagg agggeetgtg ggaccatett caccatetet geetgggggg cetggtggac
                                                                                                                                                            180
                                                                                                                                                            240
contitutur augiggicat etatoroog ergggweett tottadagti footbouggia
                                                                                                                                                            300
aagattggca tgttgctagg cataaggtta ctgcaagcag caacaaagtc cgcgtatcca
                                                                                                                                                            360
camagetyag catetotago acttmgacat gongactoot tgtetogcag agcocctegg
                                                                                                                                                            406
teaceggegg aggtateace tggegggege gggeatgeag tegtgg
             <210> 362
              <211> 526
             <212> DNA
             <213> Hómo sapien
             <2200 \circ
             <2221> misc feature
             <222× (1)... (528).
             <223> D = A,T,C or G
             ₹400% 382
```

```
ctgegcegth tytogggtmtm tottoccgce agittcagga agiaticaca asagasaaat
                                                                        60
acattttttc receaggggt ggggeaagga caytggagag agtgctagga aatgagtude
                                                                       130
ctoggssagg ogscopydco otpatyttaa atstotoogg otcocaagty actygattig
                                                                       180
                                                                       240
cctamqaset teaqaecaae aqaetteaqa eeubcaqaee tgeeooggeg eeaggtegag
awagtgaggg cogtacaagg aagtgaaatt otgagttgtt ggggetaage otgaccecet
                                                                       ±dυ
                                                                       360
etocatgote recordeda occasiong cotoagnaga tittititic agitgight
gttgcccagg ctggagtgca gtagcgccat cttggctcac tgcaccteca ccttccgggc
                                                                       420
teasgreatt oteraquete agretootga etagetagga etageaggige tecaseaegg
                                                                       480
coggetaant trigteinte tagtagagat ggggtttece catgingg
                                                                       528
      <210s 323
      <211> 335
      42175 DNA
      <210> Homo sapied
      ×2005
      <121> misc_feature
      <2225 (1),...(335)
      <123> n = A,T,C or G
      <400× 303
                                                                        £ D
coathitigag tetactootig ogtettigtige oftageacod ogagaacogt cagtitigage
                                                                       120 -
cagatgosay (tuagotgaa cacattacga tgyatgetgg aaacataaga otalcaagaa
atecaagtgg taatgggega agtttattea geateeggea atggaettat egtagitggg
                                                                       160
                                                                       240
gaaangggtg ttoogaataa tatootggaa gitatbagga cacciatiii aaatataggo
ctgeatting talogiaata titaaggigg totgigatas tisaataaaa igcitaatto
                                                                       300
                                                                       ±35
assea seesessa asessasa sagagatga
      a210a 384
      <211x 333
      <212 * DNA
      <21% Homo sapien
      c400% 354
agtocameta. ggotattggg gttgtaqomg otttomgagg amattagtgg totgggootg
                                                                        60
cobccagoto cocaggiggea geoccagtag ctacaetgto cagacageae aagaccagge
                                                                       120
tyungloady towarddyay dydfyddia gegatdyata asytthdath gdagsaagto
                                                                       180
tecactgogg tatgetgaca tebsceetsa acciteacce bacascatta cassettian
                                                                       290
                                                                       300
the-gattety ofggaaagae acaggetgat coacgtgace tottotgeet teactggget
                                                                       333
ggygtgatdd ttggtgddtt tgtttolad& agg
      <210× 385
      <211 > 343
      <212 - INA
      <213> Homo sapien
      <400% 385
                                                                        60
etgigaesen teaggitgas agggietten tentigaans ennachysys ygdolygus
                                                                       120
ascagocago ogetalogad Utotagotgo socgggtdad igagggiggs gaggittigid
                                                                       180
togeacetgt actetecaet gregtogaet grageagogt caargaagta geregaggee
togettgaga tgaggetete attgligasae caetgligig aattgleete aggggagtag
                                                                       240
                                                                       300
getoertigge aettebgagt bacaetigtee tiebegagea eeetigtacea tigaaggetoe
                                                                       343
aggascacca cagootttgg gagatottca gtorgcatgo caa
```

<210> 3861

-211 - 244

```
<212> DNA
      -213: Homo sapiem
      <400× 386
                                                                          60
gasage sappsacas at the same acceptant as acceptant as acceptant as a constant as a constant as a constant as a
aagtoaasaa geeggtaaca gaagaatgga atoagooaac coacttgata agaaattgot
ccatasacca grattyasct gettatasac ataegaacag agacggcaaa aagaacacag
                                                                         186
                                                                         240
geattateag ceattetete agaegaatag taattaeega tgaetteata etgaatgttg
                                                                         244
acag.
      <210> 383
      <211> 504
      <210% DNA
      usiqse como <011s
      <400× 387
abolggagto cageoteagg galgogelae tilecattol olgowitgwa exitegitet
                                                                          60
gtdagdatod gutddagdtt dactgdalda gdggdaaadt tgdggatddd gtdagagagd
                                                                         120
tteteracag ecatotygte etegttytyr nacchaegym amgaettete mtocmygtyg
                                                                          180
ettitition ggtosotogo tigggoogoo tigggotgaga gearaggear cagetiggeg
                                                                          240.
ttgtootgoa geagetotoo caggagettg ggtgggatgg tgaggaaagto acageogyco
                                                                          300
agtgettiga tetegecegt gittgeggaag gaggegeera tgaraatggt titgtageta
                                                                          360
amottottyt agtagttyta gattttagty acactettia ecceagygte tleesgygge
                                                                          420
teataggath tentghoggi Stitgecara igecaateaa ggaigegree aacaaalggg
                                                                          480
                                                                          504
gagargaugy toacaccogo ctog
      <210> 388
      <211> 450
      <2125 DNA
      2139 Homo Sapien
      <230×
      <221> misc_feature
       <222» (1)...(450)
       \langle 223 \rangle m = A,T,C or G
       <400> 388
                                                                           60
gecaaagtge tgentgaatt ceacterett ggtttteged tgecoagogt tgutgtttg
ataayaana aadaaaann sataaceaaa yerceadaa cedtaaaate ataaaaaaa
                                                                          110
                                                                          180
gaaratgige degaregete catecceted tectoritag galgoataad claudligid
 terretttt tesatettnt tiddæggtan agtagdinti igtadatæa neatacitga
                                                                          340
 assattaatt gratgatgta tgaasanaca nagtotoota gibbbgtatn tigtigtaig
                                                                          300
 actgccatge gttccaccas saegccactn tattitiggtc intgtgacat titaaatgcg
                                                                          36D
 tgacaaaagt gagcaaataa agngaggaan anathtatht atganalaat atanailgta
                                                                          420
                                                                          450
 ttgammatcha алаамамиян аямиянамия
       <210> 389
       <211× 297
       -212> DNA
       €213× Homo sapien
       < 100 > 389
 vetycactig eachtggctt togttttaag caacttctct accetgaces testochogg
                                                                           ēQ.
                                                                          120
 acagegitte gggaggitte tiggeetese igagagggat giggagetye igiaceeegi
```

```
caaggagaag gtuttotaca gootgatgag ggagagoggo tacatgoada tocagtgoad
                                                                       180
caageotgae accgtagget etgetetgaa teacteteet gtgggtetgg étgéétatat
                                                                       240
                                                                       297
totagagaag tittocatot ggaddaatad ggaatteega tabetggagg atggagg
      <210> 390
      c211s 223
      -2105 DNA
      <21% Homo sapien
      <400× 390
utgagologa gagttggtgd tggdaaaaca gteetteeed tggggdeeggt tettaeedag
                                                                        60
                                                                       120
gtoragagas acceargegg gatgtoagas ttoaccamas ggattttety gttgccccty
yotggotton tggaggogtt ogodtotagt ttotoaggga tggagogaga goddagodag
                                                                       180
agaacagtaa gaggagetge teteptatet geweteweec wyy
                                                                       223
      <010× 39%
      -211× 365
      edias DNA
      <2135 Homo sapiem
      <400× 391
                                                                        60
otgaggaaga aatgaaaaaa gaccetgtee eteatggeee geecaetgge eteetgtgaa
                                                                        120
ctotytotty ttyccamede capatyaagt cageesaaaa ytyettieea estectetet
                                                                        180 -
ctggggetge ecageotgae egtaggggat ecaetggeag agecaaggtg gatgetggtg
corgangery geagonegoe yganetgega constantyt agnaggaagt syttotagaa
                                                                       240
otopoagoag aacagaaogg aaaaggaagot gottggggat agaatgagtt OtgOtmasoa
                                                                        300
                                                                        360 .
gonagatyot otgagagagag tgacaetgga etgtetegga ggtgtgtgea gatggetaea
                                                                        365
ggtgg
      <010× 392
      <211>302
      <0125 DNA
      <2115> Homo Bapi⊕n
      <000%
      <221> misc_feature
      <2225 (1)...(302)
      <223> n = A,T,C or G
      <400> 392
coesquents castgaggag agesteangs cagasegtge aggittitigs gitteeagtig
                                                                         60
actgeagagg acatgaaage catagatgge etagadagaa atdtecaeta (tiitaacagt
                                                                        120
quiagtitig ctagocacco taathatoca tattoagatg aatattaaca tggagagott
                                                                        180
                                                                        24 D
tgoctgatgt ctaccagaag coctgtgtgt ggatggtgac gcagaogacg totctatgcc
                                                                        300
ggtgactgga catatoscot otacttamat coghectgit tagegacite agicaactae
                                                                        302
āg
      <210> 393
      <211> 213
      <212> DNA
      <213> Homo sapion
      ₹220>
      <211> misc_feature
      <222> (1),,,(213)
```

120

160

<223> n = A,T,C or G 2400x 393 60 dosahaatga agnadaasna otggattiga ggatggatda gttotgaaad agtttottto 130 tgwaacagag aaaatgtooo dtqaagadag agdaaaatgo Uttggaaaga atgaggdost 180 suggesta caterogres toponogo appendatat conglapata araangtoas 213 tttecatttt attetgttta acascgtgga tgg <210> 394 <211> 334 :212: DNA per <400> 394 dotadocata atocagadag gollogoccay aggaggacta ogtoggggad gtgndaccag 60 aaccetactt gggggeggga tgteacteeg aggtesaaaan etgeteegag gtggaegage 120 ogtagotoco ogaatyggot taagaagagg tegtektoga getogtegag giootgegag 190 agggggerta gggegtggag etatgggteg tggeggaate ggtggtagag gteggggtat 240 gataggtogg ggaayagggg gotiltggagg cogaggooga ggcogtggad gagggagagg 300 334 tgreettget egecetgiat tgaccaagga goag <210> 395 <211> 174 -310: DNA <213% Homo sapiem 4400x 395 60 ccagatgagg aaaasaatta ggaaggagat gaagttited aaatticatg gtatatgetg. cacuboccos acoticació todatgiago chacigggio tacialicos casagiggei 120 caarcteria atgaertete ettiaceeet attaasatee essagesett tese 174 :010x 396 e211> 140 <012× DMA <213> Homo eapien <.120× 2221s misd_feature <122> (1)...(140) -0.235 n = A,T,C or G .40Q≤ 396 60ctgcaaaged tigtgtaach tictccagca tittggaccca giacgigasa gcccacsaca 120 cyttcaltyt cittaglatt acagattatt titycataac attiyttytt atcictiyac 140 ggaategter attocastgg <210> 397

cetegratigg agggreeerg ggeageacag ggaggaegag ettgtreage agøgggtetg

goagagesto dogoasaget toggedageg setotsadat doctosoto teototset etssetseeg geatttsete asseccasest seatadagat geostttsas toagtotset

<211> 318 -112> DNA

<400> 397

<213> Homo sapien

```
240
tatggaagta ghngatgac: agggggaagt agtogtoaag capitggitg caciggggda
                                                                       00E
tqaecagett chaqqqqaqq acqttbcact cotgotocag gaacttooto ategtgtoot
                                                                       318
ggaaaatgge otcottgg
      <210> 398
      <211> 517
      52125 DMA
      -213: Homo sapien
      <020>
      <221> miec feature
      <022> (1)...(517)
      <223 \approx n = R, T, U or U
      <400a 398
cottocting coatecatte ategaceste tecateactt getgeagget tggetgacea
                                                                        60
                                                                       120
tecaceatag ettgaataat eeeggtgage tetgtadaga atggggtaag etgtggatgg
actaragget ggarataeat gtgaaaggta gaeteaatet eeatgyteeg geratttage
                                                                       180
                                                                       240
titaggatyg ggaactegat gatticetea ggatysaket gtegentyte genegtygee
                                                                       300
teasagtera gesetsassa giagigatae eteiggagag ggaaggadae caligerged
arggatycqc caaagccyty ggccgccago tttotggteg atatgeagca gaactccega
                                                                       360
                                                                       920
acaccacage gagazaataa etgegagere agoactitic tigetetiga aagtaaatae
                                                                       480
geageasath gagotgotop agtotgtees ggtgotegos tigaacatoo ageagcatot
                                                                       517
aaaaototoo itactiogaa gatgoodaga coggoag
      <210× 399
      <111> 319
      <2175 DNA
      <213> Homo sapien
      <900> 399
ecasectesg geaseggetg gageagttig eeagggeett ecetatgeet gettitgatg
                                                                        60.
                                                                       120
agraticaaq giaccigaga aatgaggood acagactraa agitactoto outoccocta
                                                                       180
ectoggocag tgasatagaa ageettteta ttttttggtg egggagggaa gaeeteteae
                                                                       240
ttagggdasg agddaggtat agtotodott docagaattt gbaactgaga agaicttto
                                                                       300
titticetti titeggibae aagaettaga aggaggeee aggeactite igtiigaaee
                                                                       329
catglicarga tracagigto agagacgog
      -210× 400
      c2115 451
      -212> DNA
      abile Homo sapien
      2400× 400
                                                                        60
etggetteae tgeteaggtg attateetga accatecagg ceammatamge geeggetatg
                                                                       120
ecoctytatt ggattgecac acgestcaes thecatecas gtt@stgag Cigaaggama
agattgatog cogttotggt aaaaagetgg aagatggeed taaattettg aagtetggtg
                                                                       130
                                                                       240
atgrosceat tettgatatg utbectudes agreematete tettgagage ttetcagage
                                                                       300
atocaccttt gygtegettt getyttegtg atatgagaea gadagtigeg gigggigida
toadageagt ggaesäysag etgetggage tggesaggte accamptety eecagamage
                                                                       360
                                                                       420
traqaaqria aatgaatati ateeetaata cetgeracee eactettaat cagiggigga
                                                                       451
agaacggete agaactyttt gitteaatig g
      <210> 401
```

<211× 180

```
<2125 DNA
      k2135 Homo sapien
      <400> 401
ocaggaaqoa ggodagggga tiggoagnad Ledocagdad dadagddagg iggiageda
                                                                         60
       the containing casesociet describerd cancacocca tightcaged
                                                                        120
                                                                        IBU
ogitggiggn ggodaacagg occagoaqgo aggokotgog ggotgataga agotgatagg
      <210× 402
      <111> 385
      <212> DNA
      %113> Homo sapien
      <400 × 401
Coeggoreon tytycygygo toologatyb gyeegytbog gybyegysge ttybegaeyg
                                                                         \theta 0
                                                                        120
ageogtagea caeggecace acagtgeacy tyaggeagat execttytag ggeatgetga
agtonggigt egycaggith accagoagog geteogigta gagoogosca asghagitag
                                                                        160
agodatoaga gaetgygaad aggetgttga agaggggadt útetteccag tecaetgget
                                                                        240
                                                                        300
tggotgetae catgetggge acaagggege tgaggacaga tggggetgaca tagaagecat
                                                                        360
gyttagyato tgycytytac togytocaet teagoagege ceyetcaaac tgyatyyaaa
                                                                        385
cettagtgae tgagttagte ggeag
      <210> 400
      e211s 440
      -3125 DNA
      <21%= Homo eapien
      -220×
      <221> misc feature
      a020> (1)...(440)
      6223 \times D = A, T, C \text{ or } G
      <400> 403
ctgittaach agnaaceegg ggggteaced eedacagaat gtacalgaaa Caetagagga
                                                                         ΕŪ
etgeatgitt iteeetgaga gaagegiaag acaaacagaa gicaaaagi agicaciggg
                                                                        100
agogonaton tictasydaa atooboott tooniitigg aggattigen ogaactacgi
                                                                        190
                                                                        240
agocagicas cacitagado accisoción isoccocosi alaqueccas cacitocosic
chootitiogo aamiosotto gogligioota agoodicant goddcaaged caaaatatea
                                                                        300
                                                                        360
getaagatee tegteagtat ttecaeagte atacetaatg aaktgggaag tgggggeenet
aaaaaccaat toacatotat goacttgttt coactggatt tggcagacag gottttttag
                                                                        420
                                                                        440
ttaccytaac cagatottaa
      -3105 404
      <111> 239
      -212> DNA
      *113> Homo sapien
      <200> 403
optwegaama actoocyyco yytymmymga acytomytyc catoomycyt cycyttotog
                                                                         6.0
                                                                        120
totoctattt ccacsattog gageoccagg tottgeaggg ettigeggae totategace
                                                                        130
totggootae gagoggggot odagggooge gtgattaggg eegtgteese ttggateweg
                                                                        239
geogtgroge caageagegg teecagegge aatgacteet eaggtggeag ttetageag
      <210> 405
```

<2115 261

```
<232> IMA
      <2113 » Nomo Bapieni
     3400× 405
ctggagagge agedetteac eggatgeeda getergtged entgegaged edagearagt
                                                                        €0
ttactttete ecccoacyge ggtecoatet actotytyay obytteesse ttocacagya
                                                                       120
stotottoot gagogotggg actgacggge atgtecaect gtactccatg etgeaggeee
                                                                       180
creentigae tregergeag erotecerea agratergit tgergregee tggreeceag
                                                                       240
tgcggccctt ggtttttgca 🕏
                                                                       261
     <21.0> 406
      <111> 641
      <212× DNA
      <213> Homo aapien
     <220>
     <?21> misc_feature
      <232> (1)... | 641).
      *223 n = A, T, C or G
     64005 406
                                                                        60
ctgotocogg gontggtggd agdaagtaga datogggdot stgcagggdd accddtigg
geogggagat ggtetgette agtiggegagg geaggtetgt gtyggsteken styckostyk
                                                                       120
acateteana ggasttenas taateetege agatgetage eteapeeaeg gegetgasag
                                                                       160
tygrattegg gregototog gægaterteg telteggicht cacagothog coattouged
                                                                       240
                                                                       300
gaqticagga gatggtcacg cigtcatagg tggtcaggtc tgtgddcagg baggtcaact 👉
                                                                       360
tggtggactt ggtgaggaag atgctggcaa aggatggggg gatggcgaag acctggatgg
ctytototog atcoppopaca cacatopago acocattoto coppaagoto agoccotot
                                                                       420
                                                                       480
gaticeargeg graggigaat aigeittigge tgagecagie geteletitig biggicagig
tgotggt cac ottotaggto glogggoodag actottoggo otdagootgo acciggtoog
                                                                       540
                                                                       600
tagingaegne agaceeraes igeticoost ogegoagsea ggacacoiga atoigeoggg
gactgasach ogtggodtgg dagatgaget tggadttgdg g
                                                                       641
      <210> 407
      <211> 173
      <212> DDA
      <213⊳ Homo sapien
     <400> 407
                                                                        60
craggiacity gestaatrat gietygaigy gygigyingi gierigiagy cayagabaca
                                                                       120
ggsaattytu glagbuagta togagoagog tggootegtt ogdoacogta tagttgatot
                                                                       173
tgaacttett tggattetek gtettetete eamggacett ettetemaem cmg
      <210> 408
      <211> 1.65
      <112> DNA
      <213× Homo sapien
      4400> 40B
ccactgfictg cagedatggc ageaagtgct caaagtctag caccttcaca ttcatctcat
                                                                        6 ()
cactottggg gtto:ucagg accttgagea cet0996gtt ggtagggtte tggu0uay99
                                                                       130
                                                                       165
contratose atoceracae tgyctgtaca ggatettgce atcae
      <210> 409
```

<311> 329

```
<212> DMA
            ⇒213> Homo eapien
            4400: 405
                                                                                                                                                             δū
etglagette tgbyggaett ecaetgetea gyegteagge teagalaget getggeegeg
                                                                                                                                                            120
         the second of th
ctatotycci tocaygodac igicaegyci ceegggiaga agicaectai gagacacacc
                                                                                                                                                            120
                                                                                                                                                            340
agtgtgggest tgttggettg aageteetea gaegaggges ggaacagagt gaecgagggg
                                                                                                                                                            300
gosgochtgg gotysocsag gaeggteago thygtocete egocasatse egocggatsa
                                                                                                                                                            329
geaccactgt tgtetgetga ttgacaguu
             <210> 410
             <211> 235
             -212> DNA
             <213> Homo Bapien
             <220>
             <221> misc_feature
             42225 (1)...(235)
             \epsilon 223 > T - A, T, C \text{ or } G
             4400× 410
                                                                                                                                                              \mathbf{50}
ccatcagnga gasaggtytt tgucagttgt ttoacsaacc agattgagga ggacaaactg
ctotgocaat thouggatht officettin agosascact fictitizasg officactific
                                                                                                                                                            120
tgggcactum becaagtgat gaataatesh caagggthtg ttgettgtet tggabttata
                                                                                                                                                            100
                                                                                                                                                             235
tagagettit teataigiet gagiocagai gegitegica ecceaacete tegag
             <310> 411
             <211> 254
             ARINE DWA
             <213% Homo sapien
             <400× 411
                                                                                                                                                              60
aattaaggga agatgaagat gataaaacag ttttggatet tgetgtggtt ttgtttgaaa
vagosacgót töggténggg tatottttad dagadaetaa agdatatgga gatagaatag
                                                                                                                                                             130
asagaatget tegeeteagt tigaacatig accetgatge asaggingaa gaagageeig
                                                                                                                                                             380
вадаадаасс Едаждаунся доядаадаса свасециеда сасададсяв десцаадатд
                                                                                                                                                             240
 aagaaatgga tgtgggaada gatgaagoog sagaaadagd aaaggootot odag
                                                                                                                                                             294
              <210> 412
              <2115 433.
              <212> DNA
              <2135 Homo sapies
              <220×
              <221> misc feature
              <2225 (1),...(433)
              \langle 223 \rangle n = A,T,C or G
              <400> 412
                                                                                                                                                               60
 octgagaago cagaggcagg tggagagggg gtggaaagtg agcagcgggc tgggctggag
                                                                                                                                                             120
 cogeacaogo totoetecca tyttabatay cacetttaga aasatteaca aytoeceate
 cacsasaaa aaaanasnas asatttoagg gantaasaat anactttgaa caaasaggas
                                                                                                                                                             180
                                                                                                                                                              240
 eattightgg cotgggggg catethanti thintagene cagngatted etcecencee
 caccoatrac atamatgias caccitiggi nisasatggg gagecgitte caccoignee
                                                                                                                                                             300
```

```
360
centrocego coccaggosy ttycocogyn yacaontoza yacayyancy zyytaytntt
teancancat agttocacaa qquacagaac agtmbotocc geccagooot geggcacaag
                                                                        4 Z Q
                                                                        433
ggattgacas gen
      413ء م113ء
      <211> 494
      112: DNA
      <2)3⊳ Homo sapien
      <220>
      <201: misc_feature</pre>
      <222> (1),..(494)
      (203) n = A, T, C \text{ or } G
      4400s 413
cottatttot ottgtonott ogtacaggga ggaatttgaa gtagatagaa acogacctgg
                                                                         БÛ
attactorgg totgasotos getoergteg gartttaato gtigaarasa ogasoritta
                                                                        120
atageggetg caccateggg atgircigat ccaacatega ggiogiaaac cctaitgitg
                                                                        160
                                                                        240
stanggartr tagsahagga tigogrigit atroctaggg taarhighte ogtiggiraa
                                                                        300
gttattggat coattgagta tagtagttog etttgactgg tgwagtetta gcatgtwotg
ctoggagytt ggyttetgot degaggtoge dedaacegaa attittaatg daggittiggi
                                                                        360
                                                                        420
agtitaggar otgigggitt gitaggiadi gittgdatta ataaattaxa gotddatayg
                                                                        460
gtottetegt ettgetgtgt tatgecegee tetteaeggg maggteaatt teaetggtta
                                                                        494
aaagtaagag acag
      <210> 414
      <311> 299
      <211> PARA
      2013s Homo Bapien
      6400× 414
etgggeggat agemeeggge atattttgga atggatgagg tetggeweee tgageagtee
                                                                         60
agogaggact tggt.cttagt tgagosattt ggctaggagg atagtatgca gcacggttct
                                                                        120
gagtotgtgg gatagotgod atgaagtaad otgaaggagg tgOtqqotgg taggggttga
                                                                        180
ttacagggtt gggaacaget egtacaeetg eeattetetg catataetgg ttagtgaggt
                                                                        240
                                                                        294
gagootgycg etettetttg egotgageta aagetacaya caatggcett gtgg
      <210> 415
      <2115 421
      <2125 DNA
      <213 - Romo sapien
      z400> 415
                                                                         60
cottgoccot geoctcocac gaatggttaa tatatatgta gatatatatt ttageagtga
                                                                        1,20
cattoccaga gagocccaga getotcaage tootttotgt cagggtggeg ggttcageet
gtoctytes; chetgaggty entgetggca tentered patgettant astacatten
                                                                        180
                                                                        240
ettecceata gerateaasa etggarcaac tggeetette ettteccetg ggarcaaaat
traggggct captocotes cogodalgod organizati organization thethodoco
                                                                        300
                                                                        360
tggeetgtte tgtetetgag etetgtgtee teegtteatt eeatggetgg gagteactga
                                                                        420
tyctgoctet geettetgat getggaetgg cellgettet acaaglaige theleccaea
                                                                        421
      <210> 416
```

<211 × 343 <212 × IWA <213> Homo sapiem

```
<220×
      <221> misc_feature
      <2225 (1)...(342)
           A A T C AT C
      ⊲400⊳ 416
coaptbectt toocecnoty gaeggoggte totatgactt cettggggeg ticetgeegg
                                                                        бO
                                                                       120
ceaqeqteqa tqtqqeaqae etgataggte taaacettgt catgteeegg aatgceggea.
aggagagagta caagatcatg gttgctgctd tgggdtgggd dachgctgag citatiaigi
                                                                       18Q
                                                                       240
congetycae tecentalyg greygageer gyggeattya ytttyactyy aagtabatee
agatgageat agastccaac atcagnetgg tocathacan eghegegtet geheaggiet
                                                                       300
                                                                       342
ggatgataae aegotatgat etgtaceaea cetteeggee gg
      <210> 417
      <211> 289
      <210> DNA
      <213> Homo sapiem
      <400> 417
                                                                        60
tattaartag gttottaaga catttagaac accaattigt gaggataaat tecattigte.
agagoaaaca cagatogoay gtagoootgg agotpagysa tagobtlgat tittiggtasa
                                                                       120
attigtgagt coacagettt etgateaate tigegetget cegiaatete atalkistet.
                                                                       180
                                                                       200
tittotytyt cyssgatoto accitociyy tytotyyyct tecgosycti citottotty
                                                                       300
aagtaagtat cagtsagatg tittgggatt titacmitge tgatategat tittggitgda
                                                                       360
gtggcaatga caaatttotg gtgtgttott ogtagaggaa otogattgag gaccagaggt.
                                                                       389
poagtoacaa gtaataagoo antagooby.
      <210× 418
      <211> 343
      <2125 DNA
      :2135 Home sapied
      <400> 418
gtgggaggga gccaggttgg gatggaggga gtttacagga agcagacagg gccaacgtcg
                                                                        60
                                                                       120
augocqaatt cotoqtotgg ggcaccaace todaageggg coacaldgat gatgggcagg
egggaggtet tygtggtttt gtatteaate actgtettge eecaggetee ggtgtgaete.
                                                                       160
                                                                       240
gtgdagddat cgadaghgad gdtgtaggtg aageggdtgt tgdddteggd geggaldig.
atetegitys ageoetygay sagewysged thettyaggi tyccagidig olyghodaty
                                                                       300
                                                                       343
taggodacgo tgtttttgca gtggtaggtg atgttctggg agg
      <210>419
      <211> 255
      ephry DNA
      <213> Homo supiem
      <400> 419
octagosagu gaal caccaa atttatggag agttaacegg ggttleaceg geaggaagig
                                                                        60
cotttagtaa gttotoaago dagaggotgg aggdagdago taaabdagag gadagdatoo
                                                                        120
                                                                        DAD.
tuagtysaaq tgagodatto yygquggdat otdadiodag gaateeaced aectlagaaa
                                                                        24 Û
caaatgattt egtaggatag cacagtgaca tggtgcactg tgaacctgag gccactgtgt
                                                                        255
camacegetge actgg
      <210× 420
```

2 21 15 261					
<212> DNA					
≥213: Homo mapie	נדפ				
a400: 420					60
cttotgatga taaccaacco	ctagotacca	ctotgtatto	accaggggag	gggsacaaac	120
oncanatyra agaagaacro	ttgaccccatg	tgtCaaatgg	datöddāga(d	Ctagagutat	180
adtaaagogg aaaccctatg	taegotgita	acagagttea	cagoggdeagg	dacascaca	
gttotocago toocamatgt	getemettte	ccagettett	cattoguitea	tcaergorgg	240
ceaagticcc ctcaectgtg					261
2210s 421					
<211> 179					
4212: DNA					
<213> Homo sapid	±π				
<400≥ 421					
cettectatt attatttesa	atgotgottg	attictogia	acagatotgo	atetatgtaa	60
recettion capatotgac	tgctccesse	ligatitotgca	tootgattig	agacarcaar	120
toatitagto ggocottgaa	ctgagtaggt	geatttagtt	caccetyaat	ogtatoca9	179
<210% 422					
<211> 424				•	
<211 > DNA					
k213× Homo sapi	en				
<400> 422					
egaggtecas atotgatetg	cagatgcaga	agattegaca	damadegdegd	ಆರ⊈ವಣಗ0000	60
ctocoataan gaggbcbgga	esegotaago	aactgcgagc	acttaggaaa	ranggaaga.	170
aggtgcaaac qqaqqttctt	_០ឧទ្ធធឧទ្ធធន្ធទូទ	იჟითუფოყმმ	agectatate	atgaatgota	180
Ebasqeasta toaqasaggo	ctobolgata	aactggattt	cattgaggga	daccadamon	240
стртиченое деясьваямая	geaggageea	- გაცეტინტებშ	getgeggeeg	adacceana	300
ctasacqacq qtatasasac	cagaagtttg	gttttggtgg	aaagaagaaa	ddarcagada	360
ggaacactop ggagagetet	gatgatgtat	ctagattoag	ggccaagaca	goticatiggda	420
gagg					434
<220s 423					
<211× 256					
<012> DMA					
<313> Homo sepi	en				
6400s 423					
etgtggeeti gggetaeete	: aagastcabe	teatecttäS	og⊙moattta	aggegeeatt	60
potettqqqa gactggaaea	: gggaaygtga	etgaaggetg	teaggattet	ссваёйайая	120
tgaatactog qaatcaagac	: aagastatac	ottatocata	_ BROBOWARR	cscadââââs	180
ggccatasay atcasscatg	ı catggatggg	tootoaqgea	gadadaddda	cagaaggaca	240
ctagectsts carses					256
<210> 424					
<211> 330					
<2129 DNA					
< 21 3> Homo sa pi	.en				
≥4 00> 434					
ccageograt gggagtggag	geagteateg	cettgetaya	. අසුපරසපපප ්	gacaccccag	60

```
cttgcgtcgt gtdactgaac gggaaccaeg cegtgegeet geegetgatg gagtgegtge
                                                                         120
                                                                        180
agatgactoa ggatgtgeag aaggegatgg acgagaggag atttdaagat geggttegac
                                                                        240
toogagggag gagotttgog ggcaacottga acacotacaa gogaettgod atcaagetgo
                                                                        300
eggatgatea gateecawag accaattgew acgt&getgt catca&cgtg @9990&cccg
                                                                        330
eggetgggat gaacgeggee gtaegeteag
      <210 - 425
      e211a 333
      <212 = DNA
      <213> Homo sapiem
      <220×
      <221> misc feature
      <222> (1)...(333)
      <123 \times n = A, T, C \text{ or } G
      <400 × 425
objectorate gnotosaset cagoscosco decacocada atgatosote acetegescas
                                                                          60
qttogaggea egeweewewg eetewegtgt ggetteewew teegteweeg eweewtewgt
                                                                         120
ragnagasac agnatgaagt altigngagge attococtga tgtgcagcot gggctgcaaa
                                                                        180
cotggacety cocgggegge egotegaaag ggegaattee ageacactgg eggeegttae
                                                                        240
tagnggatne aganeteggt achaagettg geagtaatea tggteatage tgttteetgt.
                                                                        300
                                                                         330
gagoggnigg gatgawogog googtacgot cat
      <310× 436
      -211 > 411
      <712> DNA
      -213> Homo sapier
      <220>
      #221= mied feature
      <222> (1)...(411)
      \langle 223 \rangle n = A,T,C or G
      -400× 426
                                                                          6.0
oggegtteat catgaggatt gettetgeca tggagetgat ggaegtggge aggftgetga
gwaggtqyyg togamytgag tgooggaggt gggtgmytgo cotygtottg ttomtag@99
                                                                         120
ageettteee tageagtgga aegetgtggt eattttetet ageatattee ettgggaagt
                                                                        180
ctagattige tattaatetq getgagaate taagttetgt geettagaga cagttigeac
                                                                        240
ttteppatat tgtgdetggg acagedatat gatttttttt opdaceaaan augtatgdaa
                                                                        300
acagasa.ca gttomaaggg ggatggtgta aasgatgagg cagtamaaat gcctttgsat
                                                                        360
ggttttetgt agetaattet etttaaattt tyteetgett titttettta t
                                                                        411
      <210> 427
      <211> 450
      <212> DMA
      <213× Homo Sapien
      ±120 ≥
      <3215 misg_feature
      <122> (1)...(450)
      <223> n = A,T,C or G
      -400s 427
```

acototacaa ottigaacig qataccicig aaagaaagat igaatiigac tõigeotoig

```
130
genectaens tototactta atcattggag utgocectit gengenouse atcototogga
                                                                       160
atgtggetga tgtggneate aagtteeetg aggaagaage teeetegmet gtettgteee
ageacettit cacteexaaa cageaaatte ageacetguu cegegageet gagaagage
                                                                       240
proceduregt ggtgterast adaptioning opengators enegrogity effetgetet
                                                                       300
                                                                       360
toyototety garooqyatt gatgocaatg totocaactt cactitigot cotagoacga
thatailites cotgogacat goigetaige igggaetesi giaigietae iggaeteage
                                                                       430
                                                                       450
tomacatett compacetty amplacetes
      ≥210> 430
      <2115 377
      k0125 DNA
      <213° Ножно варією
      2220a
      <121> misc_feature
      =222> (1)...(377)
      <223 > n = A,T,C or G
      6400× 428
caggactate gbyogotate thestotest efficiency agticopeat castatests
                                                                        £Ω
acticitygg agtyggggae caccaggity cetaaggaagg ggtyaacety cetacgityg
                                                                       1.0
aestagagot ggnosasadu cotgtgotos toagtagtag aattgosoot gtgastagod
                                                                       130
                                                                       240
mengeceten agnatgggna unataanaag accotgento tiaaagatau aaattggaaa
                                                                       300
acactngtag gawaaaaagg gignitiggid tasabaaatn biggatigggm abaaabgacm
                                                                       360
canaactate atgaattiga aagentiist aaittetiga aagteegaaa aaagteaaan
                                                                       3/1
encaatiitta tetmaaa
      <210> 429
      <2115 206
      -212> DMA
      <!ill> Homo sapien
      <400 433
                                                                        ťΩ
gttgctcctc caaagaaggt togcttcaag gccgtgtcca gggacccacg agcagaggca
                                                                       120
ctggggggca agggatotoc aaggggggcaa gggatocota aaggggggtag otcacaggtg
                                                                       150
agggggttta gggcccctct agggagcgcc tgaggccata cattomagag tgtccctggt
                                                                       206
gaggeecagg gaogagecag gactgg
      <2105 430
      <211≥ 473
      -2125 BNA
      <213> Homo Bapieo
      <2200≥
      <321> misc_feature
      <2225 (1)...(473)
      <2235 n - A,T,C or G
      <400> 430
                                                                        60
cottatitint ofigicotti ogtacaggga ggaaltigaa glagalagaa accgaccigg
                                                                       120
attactoogg totgomotoa gatomogtag gacttbaato gttgameaaa ogmamottta
atagoggotg caccatoggg atgtoctgst cosacatoga ggtogtaaac cotattgttg
                                                                       180
                                                                       240
atatggacto taguatagga tigogotgit atcoctagga taacitgito ogtiggicaa
                                                                       300
gttattggat caattgagta tagtagtteg rtttgactgg tgaagtetta geatgtartg
                                                                       360
croppagytt ggottotgot cogaggtono cocanocgae abiltttaatg caggtttggt
```

```
agninaggae etgigggitt gitaggiact gggigdatta atamattama getecatagg
                                                                       430
gtottotogt ottgotgtgt tatgoddnor tottoacggg caggtomatt toa
                                                                       473
      c210> 431
      4211 = 215
       - Augustia
      <2113> Homo sapien
      4220%
      cpgls misc_feature
      <122> (1)...(215)
      \epsilon2238 n = A,T,C or G
      <400: 431
cotytatnaa gotanaaaas gadladdago udgygaldag cilcalegig gigdagaaga
                                                                        € D
ggoaccacae coggetette tgcactgaca agaacgayeg ggttyggaaa agtgyaaaca
                                                                        12:0
ttocapoxqo cacqactgtg gacacqaasa teacccacce esecgagtte gacttetace
                                                                        180
                                                                        215
tgtgtagtea egetggeate cagggggacea geagg
      <110> 432
      <2115 391
      <212 × IMA
      <.20 ≥
      2219 misc feature
      <122= (1)...(391)
      <2235 n = A,T,C or G
      <400× 432
                                                                         60
 ccaquantgo cacasamitt theagggees craggreets continuage acciggaace
                                                                        120
 tgeoraette tateegoagg atgtagtgea gtgcagatte caggteaged atgtagated 🦠
 togagogato tgocaattto casacagtog gagotatott gitagoagto gitiggigola
                                                                        160
 otytygtoty gydagodtod utgytyagod dagagagtol olyddagataa goggtalaga
                                                                        240
 agganotyga tiddaigage adggggaeto gggagaegga gedaildegg aacagcaggi.
                                                                        300
 agenagagag gaagteggty acaceasact theteaceae alliggeetet gigtheagen
                                                                        360
                                                                        391
 enetgegeae egecaencet tigigetggg a
       <210× 433
       <211> 420
       <212 = DNA
       %213> Homo sapieo
     < <220×
       <221 misc_feature
       <722> (1),..(420)
       <0.23 \times n = A,T,C or G
       <400> 433
                                                                         £ΰ
 ototagette totagosett ecactactes ogegicagge teagataget getagetgeg
 tacttgttgt tgctttgttt ggagggtgtg gtggtctoca ctcccgcctt gacggggctg
                                                                        130
 etatolycot topaggodad bytoacygot cocygytaga aylcacttat gagacaracc
                                                                        180
 agtgtggcet tgttggettg aægeteetew gaggægegeg ggæælagægt gælegægege
                                                                        240
 grageottgg gotgangtag gaeggttagt tiggmeeete egeegaatge rgeanticta
                                                                        300
                                                                        360
 otytoccaca cotyacayta ataytoanoc toatottoyy oleggyetet yolgatyyte
```

```
420
ayggtyggdas gtyntoccag agttggwydd wyggeaatono toaegggatod Canagegoon -
      <310> 434
      <211> 239
      c212 > IMA
      <21:5 Homo Bapien
      <270×
      <021> misc_feature
      <222 = \{1\} \dots (239)
      < 223 - n - A, T, C or G
      <400, 434
                                                                         60
ccaaccanga gagaagggat egectggtge ccagggecca ccaggagete caggeccaet
                                                                        1.20
taggattact gagetcacty asackragga tottaceaga coecceaace tacceaacto
taggggaage cotggeoote agggtgteaa gggtgaaagt gggaaaceag gagctaacgg
                                                                        180
                                                                        239
totoagłyda gaacgłygno coocłygaco coaggytott collygicigy cigyincay
      <2105 435
      <211> 415
      <212% DNA
      <213× Homo sapiema
      <250 s
      <221> misc_feature
      <222> (11...1415)
      <283× n = A,T,C or G
      <4005 435
                                                                         60
etgtecaatg geaacaggae ceteacteta ttoaatgtoa caagaaatga ogeaagagee
                                                                        120
tatgtatgtg gaatocanaa otoagtgagt goaaacogca gtgacccayt caccctggat
givetetaty gyeoggacae coecaleatt teodeoceag actegietta ceriteggga
                                                                        180
gesascotes acctotects coartegged totascocat ordendanta tiptiggogt
                                                                        24 Ü
strestgege teccgosyce ececsoscas yttointtte logoceseat cacycommat.
                                                                        300
                                                                        360
aataacggga octatgooty tttagggntn taacttggnt actggoogea anaatteest
                                                                        415
agticasgagit atdacagnet otgdelintgg aachhotdot ggdlintdaga ootgo
      <210> 438
      <211> 152
      <212> DNA
      <213> Home sapien
      <400× 436
                                                                         6Û
reaggatiga caggerated attracagne aggagatget gggreagter riceaagagg
teteegteut ggeagtgutg aaaacetaae agggtggeed cetytgeeag eteaggtgae
                                                                        120
                                                                        152
tggagcccga gggcctgaca ggttcccagc ag
      <2105 437
      <211> 174
      <212> DNA
      <213> Homo mapien
      <4005 437
                                                                         60
ccapglacky geacateaty etetygatyy gogłogłygt gleetytaay cayagaaaca
ggaaattgto qtagtoagta togagoagot gtggootogt togooxoogt atagttgatq
                                                                        120
```

```
174
tigasettet tiggsticte sytettetet cosaggweet tettetease acag
              <210> 438
              <2115 485
              <212> DNA
               ella Host capier
              c2208
              k221> miec_feature
              <2225 (1)...(405).
              \langle 223 \rangle n = A,T,C or G
              <400× 438
                                                                                                                                                                     60
coaccept of cogerate toget pages, regarded an area of the coperation of the contract of the co
gggototota otatgaetty ateageagee eagaesteea tygtaeetat aaggagetee
                                                                                                                                                                   120
                                                                                                                                                                   180
ttgacacygt caccycccc cagaagaacc tcaagaytgo etcccygate gtotttyaga.
ageagotycg cetmaextoc agothtytyg cacchotyga asagtostat gygaccaygo
                                                                                                                                                                   240
                                                                                                                                                                   300
reagagtert gaegggeade eetrgettigg brotigeaaga gateaacaae tigggtigeagg
cycagalgas ayyysagoto yoongytooa caaaggaaat toocgatgag stoagcatto
                                                                                                                                                                   360
                                                                                                                                                                   420
teettetegg ngtggegese ttemagggge agngggtaac aaagtttgac tneagaaang.
acttocorce aggetiticia cittggatgaa gagaggaceg tgagggieer catgatgieg
                                                                                                                                                                   450
                                                                                                                                                                   485
gaccs
              <210 - 439
              <211 > 317
              2213 - DNA
             <213% Romo Bapien
             c220s
             <!D21> misc_feature
              <222 \times (1) \dots (317)
              \epsilon 123 \times n = A, T, C \text{ or } G
              <400> 439
                                                                                                                                                                     60
gggccgtctt cocctocate gtggggcgcc ccaggcacca gggcagtgat ggtgggcatg
ggtragaagg attoctatgt gggogacgag gdddagagda agaguggdat ddtdaddotg
                                                                                                                                                                   100
                                                                                                                                                                   160
aagtageeea tegagesegg categheace aactgggaeg acatggsgaa aatctggsac
                                                                                                                                                                   240
cacacottot acaatgaget gegtgtgget ceegaggage accougtget gebyseegag
                                                                                                                                                                   300
geocceptgo seccesagge esicegonas sagatoseco agatosigtt tgayacetto
                                                                                                                                                                   317
agdecoddag doatgta
              <210> 440
              <211× 338
              childe DHA
              <213× Homo sapien
              €220≈
              <221> misc_feature
              <2225 (1)...(338)
              <223> n = A,T,C or G
              <400> 440
                                                                                                                                                                     60
ccanaaagac ttcccaggga agatgottgg ctctctgctc caaggtgggc catggtatag
                                                                                                                                                                   120
ggoodtogaa gegettgtgg etggggtgat codagggggd altgetdaaa gligdadagga.
                                                                                                                                                                   160
ggtggcagca gggtcaggcg agttoctgtt ccagggacat caggaggaag ggtagaagec
```

```
240
tanggantgt gegangetyp tanggatyany mayetesayan getsecayet saccayett
ageteaatgg tileteeate ettgggtetg tagteageaa taeettgeaa eagtggggtg
                                                                        300
                                                                        338
tiggggtete ggagaagety ekagaaktee etttetee
      <2105 441
      <211a 505
      <210> IMA
      <21% Homo sapied
      <220%
      <2015 miso_feature
      <2229 (1) ... (505)
      :223s n - A,T,C or G
      <400× 441
                                                                         60
concapagan teaccaagee meagactigt ettecaeaaag cacettetta tettageeac
gaagtgacca agccacacgt actabaggtt gaactcaaag atatgtacag ggtattaaac
                                                                        120
amatacesag gagamenytt maeticaata canyglegaa etengemeen agtietalna
                                                                        180
toragngotg atatragata reagettosa ggaceattto tittogaægg citaticosg
                                                                        240
tttcgnyagg ctagcatqag gtglgtgcat ttgccagggg caaetltcla ttctcaalta
                                                                        300
                                                                        360
accoatgrag casatgetae neatggtgen gagteegttt agaageattt geggtggaog
atogaqyoq: ccqactcqtc ttactcctqc ttgctaatcc acnngngctg gaaggnggac
                                                                        420
                                                                        480
aqtqaqqoca qqqatqqaqo cacchatoca caccqaqtho ttgcqototy qqqqtq094t
                                                                        505
nethttgate tteatggtge tggge
      -210× 442
      <211a 386
     1 -210 - DNA
      <212> Home gaplen
      <220%
      ≂221× misc_feature
      <222> (1)...(386)
      <223 s n = A, T, C or G
      <400 - 442
egeraggiga taretergor ggigarostag gggetotgeg acadaaggag teigeatyte
                                                                         60
taagtgolag acatgoboag offtgoggat acgoggadtt tgitgotgot iscasiaace
                                                                        120
                                                                        180
ttatgodtay campatyoda atotitadaa gaggaaaccg taagaaaggg cocagcogga
                                                                        240
gatagaggac cacgiggaga aaggggicca ccaggcccc caggcagaga tyyigaagai
                                                                        300
gytoccacae yecctoctyy tecsectyst ectectyges coectygtst sgatgygaas
                                                                        360
tttgctgetc agtatgatgg aaaaggaggg nggacttggc cetggaccau typycttaat
                                                                        386
gggacctana ggcccacctg glgcag
      <210> 443
      <211> 404 1
      <212 > DNA
      <215. Nomo sapien
      <2220×
      <221> misc feature
      22225 (1)...[404]
      <203 s n = A,T,C or G
      <4005 443 °
```

```
cotoporate agagetiges coagggasts toiggesoic agggitteaat gratteigas
                                                                         60
czaggodzag ottkockógy gobosygyaa aztozdacti tychaddega agetytated
                                                                        120
cotcagatgo caggaagged gigateatot qaeteeadee teetgagaea cattetetee
                                                                        180
                                                                        240
ctgactgtcc tgtt@taegt degcggagda cottaggatg gaggggtgga ggcgaggdda
ngatgeagat tetgtgazes gytgestøga gyetgygass tgaddetgag agggezggas
                                                                        300
     eses eggettese etgaeggage acageaent togrecaett tacaatteta
                                                                        360
                                                                        404
gotoagagos anecectamo atgengegos titaticati tegg
      <210> 444
      <2115 318
      <2125 DMA
      alle Nome sapier
      <220×
      <221s misc Feature</p>
      <222> (1)...(318)
      62239 \text{ n} = \Lambda, T, U \text{ or } G
      =400× 444
catgogotat agigogotat gitgatotgg igitealget sagitteegea teaatainge
                                                                         Б0
gapticiting gagtgggggga oraccangit gootaaggag gggtgaacci gootacgitg
                                                                        120
geeatagago tyghcaesad tontgtgoto atcagtagta gaattgcaco tgtgaatago
                                                                        180
capegocote cagentyggo aacatagosa gaccetyeet ettaagataa saattggass
                                                                        240
acactggten gasaasaagg ctgtttggtd (saensagtd tggatngggt atsaatgsda
                                                                        300
                                                                        318
chaanctate atgactnt
      <0105 445
      <211 > 416
      *212 DNA
      <213> Homo sapied
      <220×
      <121> misc feature
      <2225 (1)...(418)</pre>
      <0.035 n = A,T,C or G
      <480× 445
                                                                         60
cosytockae otyctoctok ktattytata aakgagoaga atcaatatyy oygaayeday
cttcaattgo cautttegte dectetaang officatitt aggaacelet geaggegeat
                                                                         120
                                                                         180
aggtgeraaa teecaggasa ggeatgaagt gastateatt cagetteara rastgatatt
                                                                         240
togastocat storgicach apocregoly goamatett officitour contracage
                                                                         300
ctataagage aatgagetgg caaegeeest gageaeastg tetgetgett bacebatgge
                                                                         360
augtgagagg agggacagag gcagucttac acaagctgtg alaasaaung cathcagtic
aaccagtite tiacnitati otaatgogna ggaagigign gaagagcaca aagicaga
                                                                         418
      s210 - 446
      <211 × 361
      <212% DNA
      <213> Bomo sapiso
      <220×
      <???> misc feature
      <222> (1)...(361)
      <223> B=A,T,C or G
```

```
34005 446
cegecceaen acaacaggac coreactora occagegedes caaggaatga (geaggacco
                                                                         60
                                                                        120
tatqaqtqtq qaatqqanaa cqaattaant qttgaccaca gcgacccagt catcctgaat
groctoraty godeagacya coccaecnot teccecetcat acaectable ceglocaggy
                                                                        180
qtqaacotca qontotectq neatgeaged totaacodad etgeacagta teettggotg
                                                                        240
attgatyoga auntocagna acsonacada agagototti atdiccamen inadegamaa
                                                                        300
                                                                        360
gaacagegeg actobathee threagaggg gaggagtaga anntanggae ettneegage
                                                                        361
      <010× 447
      <211> 311
      <212> DNA
      <213> Homo sapien
      <220%
      <221> misc_feature
      <222 = (1) ... {321}</pre>
      <223> n = A,T,C or G
      <400> 447
coaqeanant gattocciaa agaggacete accequeicg agenetgase cogetgase;
                                                                         βÜ
tegratecas garatitgas atgggaatee aaataggeta ettgmaaaag aegtgetgea
                                                                        120
                                                                        180
ngdagmootig gagagactda tiggagttdat tigtadatted tiddalidtadd gaggdagdgd
atggeatgae thaacggett ghaacaaaca canabattae caccacabac atteaggaac
                                                                        240
casatataan digdiatggt dadaqdaqag acaatgdagg aagaggdtit tiattgdtng
                                                                        300
                                                                        321
ngtqngtttt caaatcatgt t
      <2105 448
      20115 305
      «112» DNA
      <21.3> Homo ខែងប្រាំងវា
      :220:
      <221 misc_feature
      <222> (1)...(325)
      <223: n = A,T,C or G
      <400≥ 448
                                                                         60
ccagottcaa ottittagta tagaagatac aggatcacaa aaaggagact acgotttgca
ascatagost escasticas officione igragifiat coalgongto agostacott
                                                                        120
                                                                        180
geaagggaag etaettaeat caaataaett tietatatae atticeteat tgaeettite
                                                                        240
tosaagaata tottggtttt googsacsaa cataatatag gnglotgros gatoostfoo
                                                                        300
tggtttetgt ngtgaaggaa aageaggggg aacaasataa tateagggte teaatngtga
                                                                        325
nattattett taatoetako otgan
      <210× 449
      <211 > 123
      <212 - IMA
      <213× Homo sepien
      <2:20~
      <221> misc_feature
      +222> (1)...(123)
      <223> n - A,T,C cr C
```

```
<4005 449
cattaatnit ggaagegatg gigiggatta caleagigti agggcatggi giggatatta
                                                                        60
                                                                       120
ttacattann attogaagog atgolytoga ttacatcagt gatagggcac ggtgtggala
                                                                       123
      <211> 328
      <210> DNA
      <213> Homo sepien
      2220×
      <121> misc_feature
      <222 - (1)...(328)
      <2.23 \circ n = A,T,C or G
      <400× 450
                                                                        6û
ctegocaattt teagotgoog ottabacaco aaaatgibot gitcagbaco bageboiget
ctitterati gottisaatt titaasgaaa tiatattgos tegaleteet talilleteos
                                                                       1.20
tattttttaa caetgeecaa tetgtatgea taatgtaaac ttegattttt ttttaaaaaa
                                                                       160
attagalitt agotogagot titgadtaat gkaaagtaaa tgocaaacta cogacttgat
                                                                       240
                                                                       300
ngegatgitt tiglaangit aattitetaa gaettitiea eateesaagi gaigettige
                                                                       328
tttgggfttt aactgtttea acctnggs
      <210> 451
      <211> 209
      <112 > DNA
      <21%s Homo sapien
      <200> 451
etyecttott temacagata tyemaagate etaggagass gucceestag acetteagas
                                                                        60
attamaaagy gageegtaca gtttgtttgå ageaettegt ettaeceatt tatgeagggg
                                                                       120
                                                                       140
coccaggasa ottacacaca godagaatga ggthoccasa ggacttacat taattalggo
                                                                       209
tottgettee titeacaaat gagetgagg
      <210> 452
      <211> 457
      <012> DNA
      <213% Homo Bapien
      <220×
      <221> misc feature
      <222> (1)...(457)
      <223> n = A,T,C or G
      <400× 452
                                                                        60
ctgtetante cetteaagag etgtetatag aagettgaga atggggtaaa aatttetget
                                                                       120
agcassates agricultit gasatuttat cagiastees gastitagus giocaigest
totoactoag cathtagaaa basasatgig gthichtaaa ogtabatoot thoatgiala
                                                                       180
                                                                       240
threeacatt thighgoling gatataagat ghartboing tagigaagun gibtigasat
                                                                       300
ctactingta tacattetas tratattant titletatgta ittitasatgn atatggetgt
ttaetettty aagcattity gydttaagat tyodagdadd acadaldagu tydagtdatt
                                                                       360
                                                                       420
gttgctatca gtgtggaate tgatagagte tngacteegg ccaettggag ttgtgnacte
                                                                       457
camagetaag gadagtgatg aqgaagatgg datgigg
```

<210s 453

```
<2115 277
      <210> ENA
      «213» Ясто варіев
      <400 × 453
coastigati igategiaan egaeggaton tigaccioni digitatota asegatocoi
                                                                          60
agggatggga gggcgatgag gactaggatg atggcgggca ggatagttca gacggtttct.
                                                                         120
atttcctgag egictgagat ottagtatta gitagtittg tigugagigt taggaaaagg
                                                                         180
gcatacagga ctaggaagca gataaggasa atgactacga gggcgtgatc atgaaaggtg
                                                                         240
ataagotott otatgatagg ogaagtagoo tõttigta
                                                                         277
      <210× 454
      6211× 196
      -312 - DNA
      <213> Homo sapien
      400 × 454
gttakaasgat agtaggggga tgatgetaat aatcaggetg tgggtggttg tgttgattea
                                                                         6.D
aattatytet terttygaga yttatettog tegtagtaat ataattette geaceattay
                                                                         120
ttttageatt ggagtaggtt taggttatgt aegtagteta ggeeatatgt gttggagatt
                                                                         180
                                                                         198
qagactagta gggCtagg
      k210 - 455
      :0115 608
      6212 > DMA
      <213× Homo sepiem
      <220×
      <221> misc_feature
      42225 (1)...(608)
      <223 × n × A,T,C or G
      <400> 455
ctgageaago taaggaecag gggeaactag accetaatab tgngtacttt tgaaaatgat
                                                                          KO.
acaaactaco tiggiigkaa gaagigcagg tigaacactt taggagaaca gicticaaac
                                                                         120
                                                                         180
togicaatica aaatiteeda tiataigiga alaawaligg aaggaigita aaigteeaty
gasagtisct ottgisagti aggatgoott atactgaggo tittabaatga aagtacactt
                                                                         240
                                                                         300
cacamatigga atagtigadea tamattaeed gaagteamija taatagteat astagtaagg
                                                                         360
taagcaaggt aaatteestt atacacaaaa attatttiga tigaeettiit caataatgaa
                                                                         420
totqaaatga agigittisa asagotooot aaacedaaan ogaacataaa acigotiaat
aactttagag ricatgisat attritgcig aaaacagita cigamatiec cagogmenty
                                                                         480
                                                                         540
atggaatat; tttaaagcag gncactdngt alaatotgga atsattteat itsetaactt
                                                                         600
ttaagaagta tietetiggae tailaatent gagelaatag aetteeaett tättättäese
ccaaatta
                                                                         608
      <210> 456
      <211> 467
      <210 = DNA
      <213> Nome espien
      < 2.2 \, \mathrm{De}
      <221> misc_feature
      <221> (1)...(467)
      <223> n = A,T,C or G
```

```
<400× 456
congrects ighamment cameracter thithment agencyigam gitamathit
                                                                        60
ctactgtttc tgtgctacag actottcaaa gggaaatagt taagtcaatt tcaaagaaaa
                                                                       120
                                                                       180
tgaccagone attittamam cattagamat gattigacit igactatota eigecamada
aaggttsagy aattigtest gagaagctea aaactttaag gaattttaag geactcaasa
                                                                       740
                                                                       300
      A see that transpigs the areast samperior astacattic
                                                                       360
tateatagto actlesgact taaatteaas cactageasa ecacaaaste agactgtotg
                                                                       420
actgacator masagatama tatamatowa mateogaeee cagemattage emaggggtag
                                                                       467
gtgttoctot kgaggaaggo æggaattoot ottotgodac otgitgg
     <210> 457
      <211> 183
      <212> DNA
      <213> Homo sapien
      <220×
      *221= misc feature
      <220> (1)...(183)
      *223 n = A,T,C or G
      <4005 457
ccasatttin kacittaaac adigaaaaca gaggaagtta ataaasahit taacciataa
                                                                        \delta. Di
agtecentgg tigitagica tiaacageag attgicagai aagaciygia aaaigaigge
                                                                       120
                                                                       180
tgctsageat ttgatgatee aggegeagga tgateaaaet geageagate atgeaegtga
                                                                       183
Cag
      <210× 458
      <211 × 445
      -211> DMA
      allys Homo sapien
      <220×
      =221> misc_feature
      <222> (1)...(445)
      <223 > n - A, T, C or G
      <400× 458
                                                                        60
gaesaatata aagroesaase tiggataeaa tagosotgaa aasaigagga aattaitiggi
eacceattte tittassego costceatti seittologi ggigosgasg ilagasggla
                                                                       120
aagottgaga agatgagggt gtttacgtag accagaacca atttagaaga atacttgaag
                                                                       180
ctagaagggg aagttggtta asaatcacat caasaagcta ctaasaggac tggtgtaatt
                                                                       240
taaaaaaaac taaggcagaa ggtttttgga agagttagaa gaatttygaa gyccttaaat
                                                                       300
atagtagott agtitgasas atgmgsagga otttogtaac ggsagtaatt caagatcaag
                                                                       36.0
agtaattace ancitaaigi tiitggenit ggacintgag tiaagattai tiitiaaatu
                                                                       420
                                                                       445
otgaggacta ncattaatgg gedeg
      ~210> 459
      -211× 426
      <212> DNA
      *2135 Homo sapien
      <22°Up
      <221> misc_feature
      k22005 (1)...(426)
      6223> n = A,T,C or G
```

```
<400> 459
cotatgatan obtototago tatcatacho caatcagosa aasatgagsa satgotgags
                                                                         \epsilon 0
                                                                        120
astagsagat satteeteat ttaaggeese ettetagsat ttgtgettaa gattetgett.
tortotosty ygocagoact toggceacty goesesatta gytytecegy getotagyta
                                                                        100
atactgttta titgagcaat aatatattgt getaacgtte aggcateeta ttactgagaa
                                                                        240
                                                                        300
atangggwan atgagtytes agtacaecte agegtotogy cyaceggges easteccato
agttaaatat odatagtoot agagdattta tgtaaaactg daatnigaat odigdaatad
                                                                        360
athetagett titeocetcag igataceatg igagagaagn ngebeigtes aggegggees
                                                                        420
                                                                        426
qataga
      a210× 460
      <211> 340
      ≥212÷ DNA
      <2135 Nome aspied
      <220%
      <221> misc_feature
      <221 < (1) ... (348)
      <0.03 \times n = A,T,C \text{ or }G
      <400× 460
                                                                         €0
ccapatitità apaigitati titoatatoa titataacet igicacaate caettaaaga
agthiggita taithcooty assotitiot todogagtag gillittiti gigggilggg
                                                                        120
gegtametti aetacaatta giaaginigg igcaqaatti caigcaaaig aggagigcag
                                                                        180
                                                                        240
cagngtgata atttaaacat atmiaaacaa aaacaaaaaa aaigeetgca caaacitgci
gotgottage toachgoago ttotaggano oggittolit tactgainta asancaaaac
                                                                        300
aaaaaaanta annachtigt geetgaaatg aanettigtit tiitinina
                                                                        398
      <210> 461
      alila 378
      *230 - INA
      <2113> Homo sapien
      <2.20⇒
      <2215 misc_feature
      <200> (1)...(378)
      <2235 n = A, T, E or B
      <400× 461
                                                                         ΑĐ
ccactaagam agaacggaat ctagtagaag tgcaccaatg cttcagteer tectacteag
                                                                        120
catggtgage agtggtcwat ctgtgeertg tggwatgatg ggeagateat tetggestgt
                                                                        180
gtaestaana etsaataant cacttoolog egocactato tohatgaatt aaaacctagt
                                                                        240
gtgtacacag tgcctacxtg tgttacagec coacagtagg aatotacacc aaaatattta 🗀
                                                                        300
ttagaaggaa titggitoogi actacatoac gotbboogga gggtaaaaaa taaagtooat
                                                                        360
ctatagadat tidaceacag acceagagad igaginigge taaaaceige aaaatginia
                                                                        378
taacaaaagn ggatggGt
      <210 × 462
      4211> 197
      <212> DNA
      <213> Homo sapien
      <220×
      2321.s misc_feature
```

```
<222> (1)...(197)
      \epsilon 223 \times n = A/T/C or G
      <400> 462
gogaggtoca cartattasa agotgttygg taattgaagg tgatataaaa tgactotoot
                                                                          60
                                                                         120
 tebenet engagoses offsettest stranscape titisusese toteceeten
aagttotoac acagetnegn agaaatcata octantintg ginaatcact aiggoagoog
                                                                         180
                                                                         197
toqaaqaato taagaga
      <210> 463
      c211> 279
      <213> DNA
      <213× Homo sapiem
      s220>
      <221× miso_feature
      <222>(1)\dots(279)
      \epsilon 223 \times n = A, T, C \text{ or } G
      <400× 463
cataagtgat gangaggmaa satcantmaa taagcotaca acntagaata cattaasset
                                                                          60
Egoacateta cafittoaca gostitatao aatgataato ootaogitti ascoaagita
                                                                         120
tggttocctt ctacagoaga cacaaaacca aggtgaacta ggtnggcaga tgtanaggga
                                                                         160
                                                                         240
staccaasaa aagggtaato ngotcactga tictgaagna thigactgan catactgago
                                                                         279
ttetgmactt tgegaatgew thhaggmaac aatatettg
      <2105 464
      <311> 552
      <212 = DNA
      <213> Homo sapien
      <22D>
      <221> masc_feature
      6222× (1)...(552)
      ≈023≈ n = A,T,C or 0
      <400× 464
gatgggttga taggtgeage aaaceaeeet ggegeatgtt taecaatgta aeaaaeetge
                                                                          60
                                                                         120
acaticitgia caggitactico essectaesas gitaseasaet ciaesagasa seegassaag
                                                                         160
aattaaacee baaateaett eeseatetgg asttgattta gatgaaaagu ttotggastt
                                                                         240
tgagotgato olatagtggg ttgaasattt tggggtooto agsaggggat gaggatatat
tgcatgagag agcaacatga atcatogaga gocagagtat agagagneet egytagacte
                                                                         300
taggagagoc otoaalgalo ooggotgtot igtattogog tigdacties iigialaata
                                                                         360
tggcagatgg gatgtgatgt cactttcaag attangttat aaatagacta tggCttCaat
                                                                         420
                                                                         460
cagagagatti terrebelgi etanetetet titogataan ticatteiga gagaaagera
                                                                         540
nacetenged genacedary changuages anticoagen cactuages constituting
                                                                         552
tegatoogne of
      <210> 465
      <211> 444
      <212> DMA
      <213> Nomo Bapien
      <120>
      <2215 misc_Beatore
```

```
<322> [1] ... [494]
      <2235 R - A,T,C or G
      <4005 465
coactottqq taqaaacctt gasacttto& cottqCtggg Cttt8gC&&& gtttCctttt
                                                                         60
acagitetgh thatgagent cagotactga taaagcactt cotgaactto totattatea.
                                                                        120
tagngaecet etgaataace teagtgaetg goteggeaat tegetttata accattetta
                                                                        180
htmocaaagt tggagcacat aaacatttag atgtottto otgtasaata tictagacat
                                                                        240
traccommac tetagetemm catatactem actigorate tetatetecc tgcttttttg
                                                                        300
agadagagaa gaaattoagg aggtgnooca totocagagt ttototgttg gaaagdagon
                                                                        360
atcaagaane ettisaassaa tiggiginka gotnigoone eigoagaaat gontngoode
                                                                        420
adahtahtot botggggsaa agsa
                                                                        444
      c210> 466
      <211,5 381
      -212> DNA
      <213> Homo sapien
      €220×
      <221> misc_feature
      <227> (1)...(381)
      <0.23 > m - A, T, C or G
      ≥4000 466
cotactating griptiaatit tittactotot otacaagget titticotagi gidduaaagag
                                                                         60
                                                                        120
ctytteetet tiggaetaac agitaaatti acaaggggat tiagagggit cigigggsaa
atttabagtt gabetaagst tethtettyg acaaccaget accaccagge leggtaggtt
                                                                        100
tgtegeetet aestataaat etteeeacta tittgetaea tagaegggig igetettitä
                                                                        240
                                                                        300
gotgttelta gytagotogt otggottogg gygtettage tittggetete citgeasagt.
                                                                        360
tatttetagt taatteatta tgeannaggt ataggggnta gteettgeta tattatgett
ggttateatt ittcatchtt c
                                                                        361
      <210> 467
      <211> 95
      <1112> DNA
      <213> Homo sapien
      <2205
      <221> miso_feature
      <222s (1)...(95)
      <2235 n - A,T,C or 0
      <4005 467
cotatanatt niggmitgia tacigggico igasaaccoi oliggnigoto igittitaag
                                                                         60
                                                                         95
gagotgaano daanganogo daataataat adttt
      <210> 46B
      <211> 224
      <212> DNA
      <213> Homo sapien
      <400> 468
cagigggiet oigaigeett geolgeagea gaaggaggga geagagalea agaggaagga
                                                                         60
ammamtoata tytactimit igaaggimaa gattattota magagoorag taaggamgar
                                                                        120
agaaaatoat ttgaacaact gotaaacett cegaaaaccc tttlggagaa egclagtdae
                                                                        180
```

```
224
gagggeegat cactoogasa taaaggeagt yttotostoo cagg
      ≈210× 469
      <201> 416
      4012> DNA
      <400× 469
etgagtheta giteaasage titateetta aettegteat giaetatgia äättetagaa
                                                                        6 D
tagasaaggg aaagghaaga tittggbaac ciccaaacat igaagiagii cacagaccca
                                                                        120
                                                                       180
aughoughan abattagaat ghodahddat aataaaagta totataaaat tadadagada
                                                                       240
cattorecal agrettreed attagagesg acasattada cagggactga satessatga.
ascatetaet eteregaeaa atgitgaata taccinates aecosagito agittätitt
                                                                       300
typoscattym titlegagata taacityggot yygdamagig gotmacacot ytaateecaa
                                                                       360
cactttegga gaccaaggog gatggatoac ttgaggtuag ttogagacta goolgg
                                                                        416
      <210× 470
      a2115 376
      <2125 DNA
      -213> Homo sapien
      -400> 470
macetticas etgiateses asyteiging rightgoins ageottight becagigate
                                                                        БÜ
ttttetocat gotttoocod aacooltaad aalggitadi dasaagaatg aastaatgag
                                                                        120
                                                                        160
teatteatte gggaatatgt taamatatee etetttaten htmentiten etgettagam
actaggoigt sattomaggo macagitasg totgagaect gitaaasaam tottigatii
                                                                        240
                                                                        300
fitticatit itaagaaaaa ootgootatt taatigitoa gaditytaag aggitkitka.
                                                                        360
attacatect titteqtisa igbattatti etggaacaag tagataasai telaegoagi
                                                                        370
aagcataata aaaeto
      a010s 471
      -211- 357
      < 112 > DNA
      <213> Homo sapien
      <400> 471
                                                                        60
agettegtat aatgettett tigteacce igategaega titegetaes egiasaaste
tgacaagiga acquaatgot totytgtatt cacotagtgg tootgtgaac agaagaacaa
                                                                        120
caactocace ggztagtgga gtactgtttg bagggttagg catttouxca agacttagus
                                                                        180
atgttgeast tootoegitt atgageraga tignagteeg geggcceact acggcageig
                                                                        240
                                                                        300
maagatetti geggaaaatt camgamcamy minitatian tiitkagaega aetettiace
                                                                        357
gtgotggtgc togsgttaga aatsttgaag atggtggccg ctacagggat atttcag
      -210× 472
      <211> 557
      #217% DNA
      <110> Home sapien
      <220>
      <221> mlsc_feature
      <222> (1)...(557)
      <223 × n - A, T, C or G
      <400× 472
                                                                        60
engagatgae atttacaste tettgamang cagemgatgg caetetggtg ettectatgs
```

```
agcaecatgo tigasatosa goyocsacas tigitglagg saagcasset siscototes
                                                                       120
cacctacgtt taccassass getgscatct casactetgs gttgttgsga ctcsaattte
                                                                       180
testecciae agaageetat taegglagig tyniggalge tilligiale telgalagge
                                                                       240
aggesetata atggggggga ataettetga atasaaacat tggetgtett geaactgtge
                                                                       300
etstaetybo battoaaggg ggosgtytgo otagoatget ootgeaatgt tgagstasae
                                                                       360
ggaagttigge attalageae tatttigtett atatgaaaag agtgaeteta tetteeagta
                                                                       420
eecaagantt ootgoestga eaaegaaatt titloottoa tialolataa aotslecaaa
                                                                       480
ataaoottoo tittitaaoot aagaotoaaa cattnatatt tgattitatt otatitgata
                                                                       540
                                                                       557
cosstbagte tytoreg.
      <210× 473
      <2315 264
      <212> DNA
      <900≥ 473
cotocaticas cagasaggat amagaçocot togggtotoc temttaatto tgemotyges
                                                                        60
aagueeesaga aagteeggaa agueaaggaa gyaacacete caettacasa agaagataag
                                                                       120
aragttgtca gadaaagedd tegaaggatt aagedagtta ggattatted thebbeaaaa
                                                                       180
agyacagaty caaccattgo teagoaacto ttecagaggg caeaaaaaggg ggutcaaaag
                                                                       240
                                                                       264
asaattgaas aagaagcagc tcag
      <210= 474
      <7115 165
      <313> DNA
      c213% Home sapies
      <400> 474
aattoagott ocagaggood ttattagtod tigitgadag aaadatagat tiggdaadto
                                                                        6 D
ottracatoa tacitggeca tarcaagost tegingcacga teractiggat trocatitaa
                                                                       120
                                                                       16.5
acagggttaa titggaagaa tottoaggag tiggaaaacto tooag
      <210> 475
      -211: 417
      <2125 DMA
      <213> Nome sapiem
      <120>
      <2215 misc_feature
      < 1.22 > (1) \dots (417)
      <2235 n - A,T,C or G
      <4005 475
                                                                        60
aagttetett ettgitttaa acadatteet gataaettei aaagaigaee aaaataaaae
                                                                       120
agaetatota dagagatoat ittoigaatt tilligiadat odanggataa daedataaaa
                                                                       130
ammatammas tygacagest tecsemteem mgtgesemga meemittity emmgatimaa
taatgtaaac attgggaaca gocaaatcag ogaagaatgc caacacetca aaacacetgg
                                                                       240
tyttgodyct toattaayty yttoamaetd dagatotate attycydmat attoaddys
                                                                       300
                                                                       360
tataaaaaga aatggatatt aattitgaca aatagetgea aetgagaett ettittätti
                                                                       4)7
ctitatalign gnatetagig astitlitati attitisaea tillettist tilitle
```

```
<210> 476
```

<211> 323

<212> DNA

^{-213×} Homo sapion

<220>

```
<221> misc_feature
      <2225 (1) ...(321)
      < 123  n = A, T, C or G
      <4005 476
cattinates cassesces of greegysa ascommany casocatal gratatytes
                                                                         60
aatgigcass taceciitaa aatgeangii altetatage antigcaaga tagaattica
                                                                        120
otgiaattag ggaatelage teateetake thaatagnet titigeatgin tagkesatge
                                                                        180
aattotadaa ggmadmadto agogttgatg ctamagtatg maacacated toagattatt
                                                                        240
cateogamaa tattaaaata genteatytt ttättättet ttäätgägte nigageteat
                                                                        300
                                                                        321
ttotaaayot toataaayoa t
      2210> 977
      -211> 546
      <212> DNA
      €2135 Homo sapien
      c220>
      <021> miso feature
      <2225 (1) ... (546).
      <235 n = A,T,C or 6
      <4005 477
gotgtggtta tattgtamat gmagomtota adatgtgcad aadttgcaad amamactoct
                                                                         60
tggactttaa abotgbottt otdagtttod atgtgotgat tgatotgact gaboacacag
                                                                        120
goaccettom treetgrage croscaggam gtylltgolga ggmagaciltg ggolgcacgg
                                                                        100
                                                                        240.
taratgagtt tottgraatg icalatgaar agaabkeage attabagtgg cauttectet
tygassgaag caasatttat ttaasattog tictatosca cagagosagg agiggatiga
                                                                        300
                                                                        360
abattagigi actologige aageligeag aldelaetga ggdaageaga aactigidig
gacaaagada tgittaaaaac ggidtatoat titgaadici ggaaaagiai aagagiitta
                                                                        420
actocottta aaatygaata ttaatttyss aattatyggg saasttgcat tittgtitecs
                                                                        480
tgtggtgaac atgittetag aaattggtai ggegggaagg gggetgggig agtetgaagg
                                                                        540
                                                                        546
acoten
      2230× 470
      <221> 100
      <212> DNA
      <213% Homo sapion
      ≥400> 476
                                                                         60
aagaaaagtg gtaaaatcaa gtottottad aagagggagt gtataaacct tggttgtgat
                                                                        100
grigactity attitioning accideate calgeticas
      <210> 479
      <211> 508
      <212> DNA
      <313> Homo sapien
      <220×
      -221> misc_feature
      <222> (1)...(508)
      :223> n = A,T,C \text{ or } G
```

```
<400> 475
 gmottecasa ttettetsae tetteesass geettetgee ttagttett ttaaattaes.
                                                                          60
                                                                         120
 compresent tagingents tigatgigst tittameean etteecette tagettedag
 tattetteta sattggteet ggtetaegta aacaccetca tetteteaag etttacette
                                                                         1860
 tamottothe accadeagem attamattem tyggetttta samtamattg gttmccmata
                                                                         240
 atttocteat titttcagig clatitiate castiffigg cittatatit tictatetic
                                                                         300
 tatacttete castacttqt ottagettqt titteatitt Ctatetgasa Ctotigacaa
                                                                         360
 tatottotaa titeeetate tietetatte tiiteltege elieeegtae tietgettee
                                                                         420
 agnitione ticamente terettere meetigitee techaceect eccaminate
                                                                         480
 thtocathth ogtgbagcac obggmosg
                                                                         508
       <210> 480
        <211> 81
        <2125 DNA
        ∠213> Homo sapien
       <400× 480
 ggtgeeetti teetaaeset esemmeassa etaaetaata etasestete systyttesy
                                                                          60
                                                                          ŔΈ
 gaaatagata aggaaaatga c
       <2105 481
       <2115 306
        <2115 DNA
       <213> Homo sapien
       2220s
       <201> misc_feature
       <121>(1)...(306)
       4223 \times n = A, T, C \text{ or } G
       <400% 481
                                                                          60
, tegeettegg cegeeggeea ygttaggggm acaayaeyet acttccccta tcabagaaga
 gottateace titeatgate aegeceteat agreatitie ettatetget testagtoet
                                                                         120
 grangerett frechaerae beschaeraa acheactaar acheacatet esgangetea
                                                                         180
 gggaatagaa accgtotgaa etatootgoo ogooatoato otagtootoa togoootooo
                                                                         240
 stocctargu atrottitada teacagados agidaacgat cocccotta ccatcasato
                                                                         300
 aattgg
                                                                         306
       -210× 482
       <211> 582
       <212× DNA
       <213> Homo sapien
       < 2200 >
       <221> misc_feature
       <202> (1) ... [582]
       <223> n - A,T,C or G
       <400> 462
 ggggggaana ofcaltatad attailtaga ofcaltoott offceagign collaboatt
                                                                          6.0
                                                                         120
 atticciaco titoccatig aictiaaaci gngcaggeta waaaya99aa ccagaautuc.
                                                                         180
 cttaagcact (ttaagacta tthaaaaaat aaagntthgt bggcabtgaa gagtaagctg
                                                                         240
 cttaagggad tgaatgaaaa gatagtaddo tttgtgqqtg tatgaagaga gaaadtyaat
                                                                         300
 ttotatoraa gagadottaa totagootat tagggaatta tottooodaa aagtadaagt
 eattitgiae tycaggagaa ggataagtay attigattia catcacattt tatacacacc
                                                                         360
```

titicaagang gagaaatotg ottoataast agnaggaato tatgo aatggigaen tottaeaasa gestigaaaa nhatiggaan tunga tggaanaaag aataiottic tottoigoat coittnatoo teaaa eacgoigagg aaangiingg inachaoong aacaibbaga ta	cntya nggoggesac 400
<211> 275 <212> DNA <213> Homo Bapien	
<220> <221> misc_feature <222> (1)(175) <223> n - A,T,C or G	
c4005 453 geoteactam amtascagat throughwide commented cuspus getttacsam atascagat throughwide commented cuttin tomptomia cachestatog Commente tgCtCattat gyami totcampagg gtgaccattg ttgtttcagm tarcatocot maggan agattgccap ngttactgat geomagaago gCUig	tgtag otgaaggota 120 tadad btawasogaa 180
<310> 484 <211> 434 <212> DNA <213> Homo sapien	
catatteca caggedaatt tetttetett titetgetaa gelat titeetetti gettigitta eteatgatty eesgateget aegit ateetesea attaatyyti aaatytaagy gagggattit Aetit agettistig agatatasti taetgtaaca tigaetesti taaag aeenaatett gastaasete eestteacaa tigaetesti taaag tatagetaac aagggaagtg aagggeetet teaaggagaa etaca astaagagag gabacasaca satggaaaaa estteeatge teatgi tategtgaaa atgg	accto taagcatoag 120 ottgo attaamaaa 180 tatgo tagtoaatag 240 taaan tagobggaa 300 aacco otgotoaaga 360
<210> 485 <211= 291 <212> 80A <213= Homo Bapien	
<220 s <221 s misc_feature <221 s (1)(191) <223 s n = A,T,C or G	
<400> 485 nceccactge agenetacat acagtigasa asaastices tietg taagtittes egusatsese asaaseece tetgesette tigts acacaacagt taagegtasa gatescagge astagestic asaca saaggagtae etggestgeg taeetgetts pittgsetgs ateet etttestgg geogeteses acaccaacge tgtgtgaggt atggt	eagaa caasaanagat 120 tggat gtgggtagag 180 tgatt tttaatttgg 240

BNSDCCID <WC | 0100628A2T(>

<210× 486

161

```
<311≥ 274
      <2125 DNA
      <213> Homo Bapien
      4900× 486
ctgtastatt gtagttgctc cagaatgtca agggcagott acggagatgt cactggagca
                                                                         60
geaegeteag agacagtgaa etageatitg äatäcacaag teemagteta etgigitget.
                                                                        120
aggggtgcag eerccgtttc tttgtatgag agaggtcaaa gggttggttt cctgqgagaa
                                                                        180
attagittig pattaaagta ggagtagtyp algitttett olgitateep colgatigit.
                                                                        240
cigtaactag itgelotoat ittaatitoa cigg
                                                                        274
      <210> 407
      <211> 184
      :212% DNA
      <2138 Home sapien
      <220×
      <221> misc_feature
      <222× (1)... (104)
      <0.23> n = A, T, C or G
      <400× 487
tggcaccaag atteteaget caeggtacca geatetgatt gteggaetae etgetgettt
                                                                         60
coolgatatt taracatgat attognaasa tgtaasgaag ctattatica tacagacatc
                                                                        120
tagagaagga gngaagniit taaaaaaaata aaaaaatact taiitcaage titagetgig
                                                                        180
titet
                                                                        124
      <210> 488
      22115 393
      <212> DNA
      <21% Homo sepien
      <4005 468
ctgcattitt attgcgatút gcagatgáád tggaaaatút dáttitacáa cagaactgág
                                                                         60
acagacçace accatatica etgaggicta aattigragi ticcactaat gacattitga
                                                                        120
tttcccaeca gaqatactto tyytottaot goacagtott ttaagagaaa tacttccabt
                                                                        180
atgecacatt greettgate egtaagtgat gtgttaaggt getteaaagg aactetgace
                                                                        240
totgaagtas tigagotast tiagiatgis cagostatig stilltigitt tagigigica
                                                                        300
coatabatat caggegoata aaaggetate tattettaat teanqqataa aacagaagaa
                                                                        360
gettgtggta taaaacaata gtteaagate cag
                                                                        393
      <210× 489
      <211> 607
      k212× DNA
      <213> Homo sapien
      :220×
      <221> misc_feature
      4221> (1)...(607)
      <223> n = A,T,C or G
      <400> 489
gigottalgi actiaogogg aactaricta actoggigaa gagtangaig aagcolocal
                                                                         БŪ
gtccctaces aggetatges ctcatccttt tttatggctg categtattc categtgtgtet
                                                                        120
```

atatgecaea ittiviteat coagiotate ategatggat attigggitg gitecaagte

```
trigorating igaeteging ogcastysse atacatying atgratett atagosycat
gabbbateat ectitigggta tatxootagn aatgggatag tigggtosaa tiggtattict
                                                                           300
agttotagat cettgiggaa tigecacact gictiocaca aiggifgaac tägiitacag
                                                                            360
toposocaso agegeaaasg eggeoctatt totocacate atotocagos congeteget
                                                                           42D
                                                                           490
cotgaettit taatgattgm cattecaact ygtgtgayat ggtatateac ogtgggttig
ettegratet corrector cartoatost daacntitti teatgiggit titggetgea
                                                                            540
                                                                            600
taaatggeet geettiinta eiletataaa attiiteann tettattatt attoeigggg
                                                                            507
gnttaag.
      <210> 490
      <211> 179
      <212> QNA
      -2135 Bomb ampien
      4220a
      write miso feature
       <220> (1)...(179)
       aggles \mathbf{n} = \mathbf{A}_1 \mathbf{T}_1 \mathbf{C} or \mathbf{G}
       2400× 430
chlotagges techsotata tegetescae eteatabeet ecctaetatg ectagaagga
                                                                             60
ataatactat cactgotoat tatagetact codataacce toaacaccea ctoccobetta
                                                                            130
geneatably agestatige catastagts titigesgest gegaageans ggtaggass
                                                                            179
       <210> 491
       <2119 399
       <211> DMA
       <213> Homo Bapien
       £220×
       aggls misc_[eature
       <2225 [1]...(399).
       <223 \times n = A, T, C \text{ or } G
       <400× 491
                                                                             60
octotacety teatcacatt astititica espacessin negriptitic espatesate
teattagtet atgataatag eatratagga caattageea tiitagaett gareataitt
                                                                            120
                                                                            180
tetetttta geatatagee atettgatat ttaggnggga gactacteea akggageaac
                                                                            240
agtiteatit tacatgatig gaittagaaa titacaaatt tiaaacteat &ag&abtoba
                                                                            300
aalaatttga asatggaaad atttgaorda dagtotagda goataaatad atttataaad
                                                                            360
tacticutty tigatoring groatigati tamassagaa tilggigaci atgggcaggi
                                                                            399
ggagggggco ngtgaggaag gtataaaaga gaaatottt
       <210× 492
       <211> 482
       <2125 DNA
       :213: Homo sapiem
       \epsilon 220s
       <221> miso_feature
       82228 (1)...(462)
       \geq 223 \times m = A_1 T_1 C or G
       <400> 492
                                                                             60
 ptecaccità etaccagada goottageda aaccattine edasatasay tataggogat
```

```
agaaattgan acctggegea atagatatag taccgcaagg gaaagatgaa aaattataac
                                                                        120
                                                                        180
casquataat atagcaagga etsaceeetta tacettetge ataatgaatt sactagaaat
                                                                        240
aactttgowa ggggageesa agotaagaco occqaaacca gacgagetac claagaacag
                                                                        300
ctassagage acaccegtet atgtagesaa stagtgggaa gatttatagg tagaggegae
amecotaccy agostygina tagotygity tocampates malottegit camotitiess
                                                                        360
                                                                        920
tttqcccaca gaaccotota aatoccottg taaatttaac tgttagtoca aagaggaaca
                                                                        480
getetttgga cactaggaaa asacettgba gagagagtaa aaaatttaac acceatagta
                                                                        482
      <210> 493
      <211> 207
      21125 DNA
      <213% Homo Bapien
      <120×
      <221> mist_feature
      <222> (1)...(207)
      4.223 \times n - A, T, C \text{ or } G
      <4005 493
                                                                         ΕÚ
estamment atmetaquat traccatete actingnega atgetagiat ategetemen
                                                                        120
octostator topotachat gootagaagg aataatacta toactgibea bhatagetac
                                                                        180
totratance etraacacce actooctett agecaatatt gigestatig Gestaciagi
                                                                        207
otttgerger tgegaageag eggtagg
      -2105 494
      <7115 283
      <212 DNA
      <213> Homo mapien
      4220%
      <221s misc_feature
      <221>(1)...(283)
      <0.229 n = A,T,C or G
      <400> 494
ccaattgatt tgatggtaag ggagggateg ttgacetngt etgttatgta aaggatgegt
                                                                         6 D
agggatggga gggcgatgag gactaggatg atggcgggca ggatagttca gacggttttt
                                                                        120
                                                                        180
etticolgeg ogtorgaget gittegtelte gittagitting ingigagigt taggasaagg
geataragga etaggaages gataaggasa atgaetatga ggyOgtymtc atgammaggto
                                                                        240
                                                                        283
etsagetett etslyslagg ggsegtageg tettgtagad eta
      <210× 495
      <11> 590
      <212 > DNA
      <213> Homo sapien
      ×220×
      <221> misc faature
      <222> (1),,,(590)
      <223> n \Rightarrow A,T,C or C
      <400× 495
tatgtatata attitottag tipotagoat agagamatia oigatitama amamomitic
                                                                         €O.
awattotago atgitgiago attotatigo collitorasa aaglacatoi igolitatoog
```

```
atttotanca aasotattta atttgaagaa gggagdatga atttggataa aaagcaadaa
                                                                         180
tttaaaggta obdaaattta ggcasaccat taaagcaatc ttagtttaca gttaattggg
                                                                         240
tagaatggto ascactitot toaggitagt toatggagtg gatatgoatt gatagaacaa
                                                                         300
cttagegety officeagt tgagaaaget caltatatit gitatetita agaatcaget
                                                                         360
tatttattte atatgittigt tetttaagaa gaedaaagag eestgeaaat gaatgittgat
                                                                         420
tateller projection tateller pagataggat cicacitist tatellecce
                                                                         480
                                                                         540
aggotogict calacterca acttgaagty atotgoccae otcagoctee camagtogig
                                                                         590
gyattacagg catgageeac egcacetyga cetgeologgy eggnegetey
      <210× 496
      <211> 307
      <211 > DNA
      ≥213> Homo sapien
      <220 ≥
      <121> misc_feature
      82229 (1)...(307)
      <220 \times n = A, T, C \text{ or } G
      2400× 496
                                                                         6.0
qqaqattaqt ataqaqaggn anachttit tegngatatt tggtcacatg gataagtggc
gotegottga autgetügtg eggggtegge godeggtegt tegtattegg eggggggmug
                                                                         120
                                                                         180
ttagggggto tgaggagaag gttggggaac agotnaatag gttgttngot gattbggnta
essascanta gygggstyet notsabaett antgotytyg giggitytyn tyellosaat
                                                                         240
                                                                         300
tatgogettt theggagano eatgteangt ggtagtaaat ataattgttg ggaccattan
                                                                         307
ttettan
      ≥210> 497
      e0115 216
      :212: IMA
      «219» Homo gapien
      <220×
      <021> misc feature
      <221+{1},...,{216}
      <223 \times m = A_0 T_0 C or G
      <400× 497
cattitecte tiggittett cagitaagte amanignoae giteetetit ecocatatat
                                                                          \pm 0
                                                                         120
tratabath: tigricgita gigiatitet tgagetgitt teatgitgit tatticcigi
                                                                         180
otgogaaaty gtgtttlott togttgtigm tygitttitt titttittt aaaatnggma
                                                                         216
conchaantt gaaaaaatgn ttotttttcc otmaca
      <1010> 498
      <211 × 375
      CITE DNA
      <213> Homo supiem
      ح 2000ء
      <?21s misc feature</pre>
      <222> (1)...(375);
      <2235 n = A,T,C or G
      <400× 498
                                                                          6Û
gaatttooty goacottito toychagaga agattongty tyaotyygit goctataago
```

```
120
cetategate caeectttta tototaatao caegtotteg egggatetat teategatot
aataaattta tiottagaot tättyttica tyygyntagig agtottigot actygagada
                                                                       180
stadagactt gidagittit itaaaaaaaa aabattigoo aagetandid attaaaaana
                                                                       240
                                                                       300
intestaagg einteattib algaggatga italaasent tinigngala aataicacca
                                                                       360
taatasactg ttaagtacan otgonggoon deettanagn gaatteetne agttanasat
                                                                       375
ttatittitt gadaa
      <010> 499
      <211> 215
      -0125 DNA
      <213> Homo Bapien
      <2205
      andle misc_feature
      <2325 (1)...(215)
      <2225 n = A,T,C or G
      44005 499
                                                                        60
ccachaaagc agaagcitaa agcatagtag taaagaggom aaaaagaagg acgaaaataa
                                                                       120
atcagatyac anggntogta nagnagtiga cagtagteat gadanggees gaggtaatng
                                                                       180
ttoactosty gassagaaat taagtagaag gitgigegaa aateggagag gaageitgie
                                                                       215 .
аспальный авториима вольнований gitti
      <010s 500
      <211> 489
      e2125 FMA
      ≥213> Homo sapien
      <2200×
      <221> misc feature
      2002x (1),..(489)
      <120> n = A,T,C or G
      <400× 500
                                                                        60
cosotacgat eagcaggtag otgggttitg tagtgagnit gobcottaag thacaggiac
                                                                       120
totoottata atageomott omtottecta qtocatocot calgamasat gactgaccae
tyctgygcag caggagygat gatgaccaac taatteecaa aceecagtet cattgytaec
                                                                       180
ageottgggg &accedetac acttgageca caattggttt tgaagtgcat ttacaeggnt
                                                                       240
                                                                       300
tgtetaettt cogttettta ettittacat getgaeseat scatacaetg octaaalaga
                                                                       360
bototttcag mascaatoot cagataacgo atagcaamat ggagatggag acatgattto
teatgramea gettetetaa tiataeetta gamatgitet eettittate ateaaatetg
                                                                       420
ctcsagesgg gct.tfttata gtagaataat atcagtggat gaaaacagct taacatttta
                                                                       460
                                                                       489
ccatgotta.
      <210> 501
      <311> 286
      <212× UNA
      <213> Homo sapien
      2400× 501
                                                                        60
awaaacacto aaacacagoo ttggagggag gagtoagttt taaaagacto ttataaaagt
aatatactyo tagotolgaa gaaloggagg otamaatoat otottoaag( coocagggas
                                                                        120
                                                                        180
thoccassgas of coaggggs aggftgggatg ggccagsgag efetggasge ffccaggftet
                                                                       240
yttycaayoo tosootyyts oscagtaggo tottocaggt otytoaygaa cocaggayoo
                                                                       286
terectages cacagingge teachhamby ggageadige tyeigg
```

```
<210> 502
      62115 168
      <212 - DNA
      <213> Homo ampien
     <220=
     %221> misc feature
     <222> (1)...(168]
     c223 > n + A, T, C or G
      <400> 502
cotatgattg tgggggcaat gaatgaagog aacagagott cetteattic egttotoaga
                                                                        60
                                                                        120
qtttgttate etittitati tilaigggot tiggigaggg aggiaagigg tagiitgigt
                                                                        168
ttaatetttt lagiloggig algaggaata giglaaggag baiggggg
     <210× 503
      <211> 173
      <217 > DNA
      <2113 Homo sapiea
      <220%
      <221> misc feature
      2222 (1)...(173)
      <2225 n = A,T,C or G
      <400 > 503
ochttabaat aaabtaggos aaaggotoag tgonnggota tantggacaa catgaaabto
ontamaesty actygalegy gygactyctt gagactittc titigggcat tactmacaga
                                                                        .120
attoasagaa attocameem egottattit tocamattot mõtgamatga gag . . .
                                                                        173
      <210> 504
      <211> 310
      <212> DNA
      <213> Homo sapien
      =220×
      <2215 misc feature
      <222> (1)...(310)
      62235 \text{ n} = A_1T_1C \text{ or } G
      <400≥ 504
                                                                         R.G
tagtaticta titaassatt aagtiitggg gictgisess istaceggac aatgactiit
ttaaaatgta agttaataco teotootoao tigiottaat igaacitagg igittattoi
                                                                        120
twazggnyga cottgatgaa aatgttgaga tgggaagtgt tattaggcaa aachtgihat
                                                                        190
agatttetea hataaetett aattgaedet tagaatttta acaadegege etggeeddat
                                                                        240
                                                                        300
agactgitti tiagagiani ittaggetei eanemaaatt gaggggaasa tacagggigi
                                                                        310
toccettees
      <210× 505
      <2115 530
      2012: DNA
      <213> Homo sapien
      <220>
```

```
<2215 misc testure
      <222> (1) . . . (530)
      <2.23 m = A,T,C or G
      4400% 50S
cotcagogam ottacaatta togcassago gyaagoggaa geaagcaeet tetteacaag
                                                                         €0
gcatcaggag agagagagas agagagtagg ggaaactacc cottitamae catCatmicc
                                                                        120
tgtgagaach cootoagtat tagaagagda tgagggaaac ogcotocata atocaatoac
                                                                        120
ctoccaccag gaccatecot caatacatgg gggttacaat toaagatgag 9ttogggts9
                                                                        240
ggatacagat itaaaccata boagaatggt taatgatatt gtigtatitt accaactata
                                                                        300
atottottag tgttatagta caataatgta abaaattgag taaatttgtt ttotatatta
                                                                        360
trongrentt gymaaacarg tatatagtra gggotgittig bolosagasa ataiggissa
                                                                        420
etetgetgit tiggicaetg gigeetagaa titgggggatg tacatiggit tigaticaca
                                                                        430
                                                                        530
tgcacatite objetagete acagtementa titetamenta titecenata
      <210» 506
      <211> 352
      -2125 DNA
      ∈213⊳ Homo sapien
      <22 fts
      <201> misc feature
      <222» (1)...(352).
      <223> n = A, T, C or G
      e4005 506
                                                                         €0
cttgaacget ticttaatig gipgeigeti tiaggeggia ctaigggign tääättiitt
actobolics caaggittit tootagigto caaagagoig ticolotity gartaacagi
                                                                        120
taaatttaca aggegattta gagegttetg teggeraaatt taaagütgaa elaanattet
                                                                        180
atottggada accagetato accaggeteg gtaggtttgt egectetate tatawatett
                                                                        240
                                                                        300
cocmetatti tyotacatag acquytytyd tettitagel ytlettagyt sycteyiety
gttteggggg tettagettt ggeteteett geaaanntat tietagttaa ti
                                                                        352
      <210× 507
      <211> 370
      <2125 DNA
      <213 - Homo sapied
      -22us
      <221s m/sc_feature</pre>
      <222% (1)...(370)
      *203 \times p = A, T, C or G
      <400> 507
                                                                         60
cetaactaga tettateaga atagggggga agggngtegg tteateetta tigagtyttm
                                                                        120
argaecotyt aagatytaat täöttitalt toattotytt acotagaasa totatoscag
                                                                        180
notigtagia tigatigoto aatolataaa gagotoagit tacagoatéa étettagiaa
cagogneste trastosopo metetresse accedagage tecactasat tecaseccat
                                                                        240
                                                                        300
cagoncagta gictaacati aagggictia ggaaatgaga actiateace titectiate
atgaaaaggt aacctocagg taaccaaaaa tagaacttoc totgligting tittilatag
                                                                        360
                                                                        370
aaattectgg
      <210> 508
      <211> 129
```

<212> DNA

```
<213> Homo sapien
                <230s
                <221: misc feature
               <032 - (1) . . . (129)
                              TO COLOR
               ₹400% 508
ctgttaaaag aacaaactta gcaatatata acagtinggt aacaggatti tigactatic
                                                                                                                                                                                   60
actitigggag thattittaa abateraett tittaetigag tettadiaea taeraggear
                                                                                                                                                                                 120
                                                                                                                                                                                 129
tetactiga
               <210× 509
               <2115 422
               <217 > DMA
               <213 × Homo sapied
               2000s
               <221> miec_feature
               <220% (1),,,(422)
               <220> n = A<sub>1</sub>T<sub>2</sub>C or G
               <400× 509
ntgggaagte gtgacateca tgggaaccea gegetgtgat getggtgttt gngtteteeg
                                                                                                                                                                                   60
ogagamytya coattyttyg agcaccator agagetagig accamineag tygacegila
                                                                                                                                                                                 120
graggagaat caaaaatoot tieragaatg toigittete actaeniges cerggraatt
                                                                                                                                                                                 180
                                                                                                                                                                                 240
acegggauda gtgdegngat gettgtacth atttgacada tactococgt chtcctgght
                                                                                                                                                                                 300
ntigiteoig anaanggigg gidaatatie eaggaadaan datgcacatt gaatggatgt
gagagardar attgretete ceactgettt ggggageact ttectgteat ttetaactta
                                                                                                                                                                                360
compression agreement at attace the transfer of the contract o
                                                                                                                                                                                 420
                                                                                                                                                                                 422
qt.
               :010s 510
               <2115 238
                :212> DNA
               <213> Homo sapiem
                <4005 510
ccaccterga ettygrygtt tacctactica atgyategca gcacyaggac tyctytartg
                                                                                                                                                                                   60
                                                                                                                                                                                 120
cacaaaaaga agaccaaaag attacagtgg accatgggat acagaagoox goatggcaga
Cageageese eteghttogg sacetyteed tetodieagt gysegtitto tigtaggaat
                                                                                                                                                                                 180
tatagtaate acaccacatt acttggcett teggtaatgt gaaaakkaak akkaatGG
                                                                                                                                                                                 358
               -210- 511
               <211.> 254
                <2129 DNA
               <013 - Homo sapien
               5020≥
                <221 misc feature
               <022> (1)...(254)
                \epsilon 223 \times \pi = \Lambda_1 T_1 C or G
                <400× 511
constagatt tyatggtasg ggagggatog tignggolog totgttatgt asaggatgog
                                                                                                                                                                                    60
```

```
tacggatggg agggcgetge ggsctagget gatggcgggc aggatagttc agacggtttc
                                                                        120
tatttcctga gogtotgæga tyttagtætt agttagtttt gttgteagng ttæggeæsag
                                                                        100
                                                                        240
ggcatacagg antaggaagd acgataagga aaatgadtat gagggcgnga toatgaaagg
                                                                        254
tgataaguto toot
      <210> 512
      <211> 269
      <212> INA
      <113> Homo Bapien
      \approx 220 \times
      <221> misc_feature
      <222s (1)...(269)
      <223 \times n = A,T,C or G
      <400> 512
cetacetyta awetacayta otttatatat etatyyyntt awtaawaana awatecacaa
                                                                          EIF
                                                                         120
atottaaasa ggaactttaa ahgoaggot atattgaatt ggmaaactgo aacacaaact
ggegeazezt aggiaaatga ataecaatet eactetaigi gaigeaagea igetaetiie
                                                                        160
cosotaatti aaattaciit oaacoactat gagocagaat goatgootga accitaaact
                                                                        240
                                                                        269
quantitara argiaacato tiggodiaa
      c010> 513
      <211 = 166
      <2125 DNA
      «213» Homo sapien
      <220×
      <221> misc_feature
      <222* (1)...(266)
      <223× n = A,T,C or 9
      <400s 513
ggaggggggt tgttaggggg teggaggaga aggntgggga acagetaaat aggttgttgt
                                                                          60
tgatttggtt saasaatant agggggatga tgctaataat taggdtgtgg gtggttgtgt
                                                                         120
tgattcapat tatgtgmttt ttygagagno stgmcamtgg tagtsatata sttgttgaga
                                                                         160
                                                                         240
cgattaghtf tagestigga gtaggittag gitatgnace gtactetagg ccatatgigt
                                                                         266
tgganattga nactagtagg getagg
      <210× 514
      <211> 271
      <212× DNA
      <113> Homo sapien
      -220>
      <221> misc_feature
      <2225 (1),...(271)
      < 223 > n = A, T, C or G
      -400× 514
acatgosana asungagsat ottasaasad annacgaano ligocotgias innottactgi
                                                                          60.
notangatat tipinitgog gelgagatao tigaacaaot loggalonga ambagacaan
                                                                         120
                                                                         160
eangogheat totatactgo ancagaggth acadagatea tigitattaga gangascana
tuggtotggt gttoacacat tyggyggaan atgygggtno weangagagg ungansaach
                                                                         240
                                                                         271
angenagoot nootggttng cataanaaaa a
```

```
<2105 515
      <2115 323
      <212> ENA
      ≈213≥ Home sapido
      <220>
      <221> misc feature
      <2225 (1)...(378)
      \star 2235 n = A.T.C or G
      4400× 515
                                                                         60
ccastgaggg gcsesgtgsg cgncnagaag angttttgac tgasataaat caaacacaae
aatntaagtt cacagtgaca gtttamacoa aatocamaca aactamoako moaamoacoo
                                                                        120
ctigntitge etetagigga aggigggana acacaanete gioctaabaa tigaetagia
                                                                        180
ungggganea cocypteatt theotactet thocangase telebashge esgaeageac
                                                                        240
                                                                        300
ttotnotoat bataongaag gaatttogaa aaatgatgta tittiggaad acctaantga
                                                                        32B
autactgesa cetgegesag bicacese
      <210> 516
      <211> 220
      <212> DNA
      <213> Ното вараен
      ≥320>
      <221> misc_feature
      <2002 (1), (220)
      <323> n - A,T,C or C
      <400× 516
                                                                         £ΰ
nectoagitg aaggaccoop igtacataca ggccagggga gcagtactag gniaactaga
aggatotoat coccetatet eggoloatti caaglotate galgaciaco ilcalighte
                                                                        120
                                                                        180
tgtgegagat ggttteacee ettgaamata tgggemette ancataamat agenaaatet
                                                                        220
lustaatget castroatgo tecotoottt tacatgostg
      <210× 517
      <2115 296
      <212> DNA
      <213≤ Homo sapien
      <400× 517
tgegatttet teetigitigt tigettiggt eigigiteam teemgagage timmattigte
                                                                         60
                                                                        120
ettellttgg geegeseand tgtatttttg thagittade atattatgae atticactio
aggagaaact gergggette etgtegettt gittiettag iiteittibe egigdegigt
                                                                        1.80
                                                                        240
abbitticast tgattitict tottitaott gasaagaaag tgittiatti idaaatoigg
                                                                        296
todatattia dattotagit dagagodaag oottaaabtg tadagaatti odastg
      <210× 518
      <211> 299
      <212> DNA
      <213> Homo sapien
      <221> misc_feature
      <222> (1)...(299)
```

€0

120

180

240

299

tytaatttas asaasactaa yycagaaggo tilliggaaga yilagaagas tilggaagg

<223> n = A,T,C or G
<400> 518
gaagatagas aaatatamag ccausaattg gataanetag cactgaaaaa atgaggaaattatttattt taaaagcccg tcaatttaat ttctggtggt gcagaagtta gaaggtaaag cttgagaaga tgagggtgtt tacgaagcc agaaccaatt tagaagaala cttgaagaag ttggttaaaa atcacatcaa aaagctacta aaaggactgg

<210 > 519 <211 > 464 <212 > DNA

<213> Homo sapiem

<220×

<221> misc_feature <222> (1)...(464)

<223> π = A,T,C or G

<400> 519 gotycedatu ggeggasead toggieeegd egeelgeggt tgsleigtty selgleitty 60attitgaasa ggotgggsat toagasocaa atgasttaaa saatgaaagt gaagtaacaa 120 180 ttoagosgga acgtcascaa taccaaaagg ctttggatat gttattgtog gcaccaaagg 240 atgagazega gatattecet teaceauctg aattttteat geetatttat aaateauuge attdagaagg ggttataatt daadaggtga atgatgaaad aaatdttgaa acttdaadtt. 300 tggatqaaan toatocaget atticateda gittaacaga togggaaect toigigaaig 360 toattgaagg tgatagtgad ootgaaaagg ttgagattto aaatggatta tgiggtoita. 420 4 15 4 acadelicand ofocceetof gittoaglitof ocagnytosa aggo

<210> 520 <211> 231

<2125 DNA

<2135 Homo sapien

<400> 520

etgatateta ettattimae acaagtetet matacaatae aattitutta attituttee 60 acatgodeca cattegatet etagaeteat tegleetaea taedaetit giateetitg acetacatet cectacatee tectecagie eccacececa acceaetigit getaaceaet 180 qiiteatice ettiticati etacataigi gagateatge t

<210> 521

<2115 312

<212> DNA

<213× Homo Sapien

₹220>

<221> misc_feature

<222> (1)...(312)

<223 = A,T,C or G

<400> 521

otgatagett tetettegee täyättäätä tettetnnet teeeatteae ageeceane 60 garatossag etttgetgit tiatetgies aaaatgiott caeaettite attetiasat 120 aaaagtgotg ageaaggada titteadaae aaattitat titseaaaae tiacaatgab 180 tigaateeaa aacasette attatitaae tgiaaagtaa atatatatii tattaggngt 240

```
300
gtottagtto attitigtgot gotttaacag tetateotie iemiagtigt 9999199999
                                                                        312
agggggaagg ga
      2210s 522
      <211 > 336
      ----
      <213 - Homo sapien
      <400% 512
                                                                         60
ochtatited eductionatt attactions tightattaat taagatatet tengettigta
gtoagaccca atcagaatow cagaaaaato otgootaagg caaxgaaata taagacaaga
                                                                        120
chatgatato setgasbyty gyttaegtsa tagatttoca gotaaattyy totaaassaag
                                                                        180
aatattaagt giggacagan etaitteaaa ggagettaat igaicidadi igittitagit
                                                                        240
ctgatccagg gagatcacco ototaattat ttotgaactt ggttaataaa agtttataag
                                                                        300
                                                                        336
atttttatga agragedact gtatgatatt titaag
      <210× 523
      <211> 172
      <21% DNA
      <213> Homo sapien
      <220 ×
      <221> misc_feature
      <200> (1)...(172)
      =213 \times n = A_1T_1C or G
      <400> 523
ngacnggcng ntggetatgt ntatagatag ggetttaace actatetgng aageangagn
                                                                         60
                                                                        120
gacannatic tigototoac atheoacheg anacquatti cicticitt achagogaag
                                                                        172
ascratcing thorasages escatterat typecettyet thretetage it
      a210 = 529
      c211> 471
      <212 - DNA
      <213> Homo Rapien
      €4005 524 ×
compacetor aquammaett agemengete matergetyt titgatyget acagggitta
                                                                         60
                                                                        120
tttqqtcaaq atoctcoctt gtaactatto caaaaaattg gagtctgttt gctgttaatt
                                                                        180
tokkligtgig ggosgdagga godtetdagd tittingtat tiggagatat aaccaagaad
                                                                        240
thaaaagetaa agemeacaaa taaaagagtt ootgateaco tgaacaatet agatguggad
easaccatty ggacctaytt tattatttgg thattgatad agcasagets actglytytt
                                                                        300
tagaaggeae tgtaactggt agetagttet tgattebata agaabbaatge ageaaacttt
                                                                        360
                                                                        420
tastaacagt etetetaeat gaettaagga achtatetat ggatattagt aacattitte -
taccattigt coghastdas comtactigo tomassassas masmascott 0
                                                                        471
      <210× 525
      <211 > 332
      <217 > DNA
      <213× Homb sapien
      c220×
      <221> misc_feature
      <2008 (1)...(332)
      <22.2> n = A,T,C or G
```

```
<400> 525
                                                                           60
coconcigia ticcagooig ggigacocca toicanggaa gaaaagitae cagaigtegn
gggtaaaggt tggtottoaa gtggootoat aagtigtott goattiaaat toagggaatt
                                                                          120
cattggacca ataggitaca tittegitee tittigitt iggiteatet gitaagragi
                                                                          180
ggggggctaa ttactgctcc tttgtsaaaa cacattttcc casagaacac tgaattaccg
                                                                         240
ttcaaactgg ttgttgatgg gtaataaggg OtgtttttgC t@d0ccaaaa gggcttaaca
                                                                          300
atttaggrgg atagtttact taasaaaaaa aa
                                                                          332
      <210> 526
      :211> 440
      <2125 DNA
      ≥313> Homo empiem
      <200s
      =121> misc_feature
      <222 s (1) ... (440).
      <120  n = A, T, C or G
      se005 526
                                                                           60
ccaqqttacc teccetaaca gatgtggtgt tetgangggt tggttaagtg cccgaggaaa.
atappoetta actottaaca totacagaga agasagcato etcacactee caaqqagtaa
                                                                          120
gaagggattg ggtaaaagaa aatgggagag aaaaggggaaa aaagttttgg caagacaatt
                                                                          180
gttccttoru aegaegotgo egggtgeaeg otttcctttc ttctettttk gtttttaetg
                                                                          240
notification tigationing admagissma attitotages totagesets segisticate
                                                                          300
                                                                          360
caactttgag ggstcacaag ctagaacaag ttgaggattt aaaatcctgg ataattatat
acttaaagtt catgagoata aageteaett gadeatgeag aaatgetggg aageagggtg
                                                                          420
                                                                          440
catggcatgg gaatacatet
      ≥210> 527
      <211× 124
      <212 = IMA
      :213> Komo sapien
      <2200×
      <221> misk_feature
      <222> (1) \dots (124)
      <023> n = A,T,C or G
      <4005 527
                                                                           \in \mathfrak{g}
tricoatary totettyegt goarasaryn ottottorga gaagtgrotg troctstoot
                                                                          120
ttgaccectt titgaggaet taastgitag accisagace ataaaaacce tagsagaasaa.
                                                                          124
ceta
      <210> 528
      <211> 162
      <212> DNA
      .203⊳ Homo sepiem
      4200s
      <221> misc_feature
      <232× (1) ... (162).
      6223 \times n = A, T, C \text{ or } G
      4400> 52B
```

```
60
ctgogggaga aatatgggga caagatgttg ogdangdaga aaggtgaddd adaagtdtat
gaagaactit teagttacte otgooccaag tiectgioge etgiagigee caactaigat
                                                                        120
aatgtgcacc ccaactacca caaagagsco ttootgcago ag
                                                                        162
      <2105 529
      12117 103
      <2125 ENA
      <2135 Homo septed
      <2200≥
      <121> misc_feature
      <223> (11...(409)
      <123> n = A,T,C or G
      29005 S29
                                                                         60
continuadan atagotista aasigiatao tahongocag gagagotoac attitiotgo
agtittoray tgqacotgcc tatqqaatac tgtesagasa aatcigcasa saisticcis
                                                                        120
gcaattgaat cagtgotttt aaataaaaga agtggagagg ggottggtta aattattotg
                                                                        180
ecaagerits bigstaging bigccassat isaggatati igaagigide taleacceas
                                                                        240
                                                                        300
attiggetti aagaaaaage tatatteign giotetaaggg igaageeeae actateigig
otgoattoto astgatadas teodtatoto gaaadtttoo tottttood atogotocad
                                                                        360
                                                                        409
pastotasas cattitatos casasggias tigastitas atticitit
      ≥210> 530
      <211× 315
      22125 DNA
      ≼213: Homo sapien
      <.200 ≥
      <?11* misc_feature</pre>
      ≥222 = (1) . . . (325)
      <2135 n = A,T,C or G
      <400> 500
degodagtigt garggatate tigeagaatte geeetttena gatttigngee egggeaggte
                                                                         60
cotogotage attatagata etteggeteet teggegommaat gaetemueca gemetoogse
                                                                        120
gaggttagtt gtggcaataa aaatgattaa ggatactagt ataagagatc aggttegtee
                                                                        180
                                                                        240
tttagtgttq tqtatqqcta tcatttqttt tgagqttagt ttgattagtc attgttgggt
                                                                        300
ggtaattagt eggnigtiga iganatatti ggaggigggg atexatagag ggggaaatag
                                                                         325
astestoset acteogeogg ghagg
      <210> 531
      <2115 173
      enine DMA
      <213> Ното варіво
      <220°>
      <221> misc_feature
      <222> (1)...(173)
      <223% n - A,T,C or G
      <400 > 531
ccaattgatt tgatggtaag ggagggateg ttgacenegt etgttatgta aaggatgegt
                                                                         60
aggyatygga ggycgatyag gacteggety atggcgggca ggategthca gacggthtch
                                                                         120
                                                                         173
attroctgag ogtotgagat gitagtatta gitagittig tigigagigi tag
```

```
<210> 532
      k1115 395
      <212 > DNA
      <1135 Nomo sapien
      el 205
      <2015 misc_feature
      <2225 (1)...[395]</pre>
      <223> n → A.T.C on G
      -400s 532
cappiertae taigggigtt aaattittia etetetetae ngggtiittii estagigiee
                                                                         δũ
saagagrigt pootofitig sotaacagib saattlecas goggettleg sgoglifcigt
                                                                        120
gggcasattt aðagttgaac taagatteta tettggadaa Gdagetatda GGaggetigg
                                                                        180
taggittighe geototacci abasatette coactatitt getacataga egggigtiget
                                                                        240
eterragery trottaggta getography tringggggt offagetting getotooffg
                                                                        300
casagttatt totagttaat toattatgos nasggtatag gggmtagtoo tigotatatt
                                                                        360
                                                                        395
atgettgent ataatettle atettteect tgegg
      <710× 533
      211> 290
      <212> DNA
      <213> Homo sapion
      €020≥
      #331> miac feature
      <2225 (1),,,(290)
      *223 * n = A, T, C or G
      <400s 533
ctgaaccatt atgggatasa etggtgeasa ttetttgeet tetetaette teastgattg
                                                                         60
ascatasyct todaggyoto cootgassac dasaatgasa scaatgtosa satattagat
                                                                        120
aaatcacata aaacagttaa ggggatacca atatataaaa attattaggt aagctoattt
                                                                        160
ctggasctyt tealyctogg tikcacaato daagnngado aacagootto actdagntad
                                                                        240
                                                                        290
tggmagtgnt actatggtta ctacngntac tacctttagt gtmaaaaact
      <210> 534
      <211> 334
      <212 - DMA
      <213> Homo Bapier
      <220>
      kabla misc feature
      < 222 > -(1) \dots (334)
      <223> n = A.T.C or G
      <400× 534
                                                                         60
cogocagigt gaiggatate tgcagaatte gedettageg agnnageegg geaggiceat
                                                                        120
ggotaggitti ətəyatagit gggitegitiği iggegnatga gigaggosgg ağiceyagga
ggttanfttg tggcaatasa satgattaag gabactagta baagagabca ggtbcgbccb
                                                                        180
tragigitgo yiatggotat cattigitti gayygtagot tgattagoca tigityggag
                                                                        240
gtasttanto ggotgttgat ganatatttg gaggtgggga toaatanagg gggaaatana
                                                                        300
atgateagin eigeggengg inngaecten gede
                                                                        334
```

<210> 535

```
<2115 S57
      :2125 DNA
      <213. Homo sapiem
      .2207
      <221> misc_feature
      <2225 (1)...(557)
      \{023\} n = A,T,C or G
      :400> 535
nccataagot toagtgogda aaaggtdaag godagtgtta atttgttatt tottaaataa
                                                                        €0
cuttocount catturbas trataments andtropack atoutheaty grossants
                                                                       120
tactttttte etttagegae atteaaatge ateacaatea etttgtgaaa tigttegeet
                                                                       150
gagcagagac cagatgitac asattcagas cagtacagas corganeces igottgorac
                                                                       240
totagaasag tatgtgtssa actotgttot tgttottott toatattgat gotgttobat
                                                                       300
gtyttaccat tgtgagtygt tggtaagtyt teettatyty ggaateatyt geettyaaaa
                                                                       360
taacottggg tgggtgagaa ggtagggaaa ootgottott tiatotekaq taamagtiti
                                                                       420
ggcagggtaa agaagatasa tgacatttat atctagaett ttgagtttte caattatttg
                                                                       420
graddaatgg gabattetgt agaageeett eettaasaat gygggaagte estilnanaa
                                                                       540
                                                                       557
aattaactgg taggtca
      <210> 536
      <311× 372
      <212> DNA
      <213> Homo mapieo
      e2202
      eggis misc_feature
      <212> (1)...(372)
      <2235 n = A,T,C or G
      <4005 53€
gttocaacet teatttetga aactgiteta gagesengig hetttetegt agitestaac
                                                                         \mathbf{60}
thaccockic agiciageat tageathace thebeighth tactactibe chagacigies
                                                                        120
                                                                        150
agotoctaga agataaggad tagggagtto atototglab tocacoagaa ggtacagtga
ctratatoria gagietitag atgaaactia etgagitgaa taacttaata tattietgit
                                                                        240
ttoattocca aggaaggoda tgtotggaga tegacottga atttaatasa tthtaggodo
                                                                        300
tataccatti caqiqqaqaa aatiqitiqqq eaabuiqqqq qqeiqqatat alaaqqqqqa
                                                                        ∄÷û.
                                                                        372
ggaagtdact gg
      a210> 537
       -211> 284
       :212> DNA
      <213> Homo sapiem
      < 220×
       2071s misc feature
      <222> (1)...(284)
       < 223 > n = A.T.C or G
       2400s 537
                                                                         60
 cettetgatg caaacagaaa ggaaatgttg titggangoo ttg@taguec tygawateet
 angggasaat tittittgggg aaatgotgag angotdaago atgagodaag aaagaataat
                                                                        120
 attgatacae atgotagatt gagagaatte tggatgegtt actactette teatheraig
                                                                        190
```

```
actitagigg ticaatoosa agamacarig galactitigg aaaagigggi gacigaaate
                                                                        240
                                                                        284
ttototowga teocesacsa tgggttaccc egaccaaact ttgg
      #2105 53B
      <211 × 293
      20129 ONA
      <213% Homo Rapien
      <400× 538
gracaragta ggigtarata titatggget araraagang titigataen ggeangtaat
                                                                         60
gtgaaacaag cacatcaaca agaatggggt atccatcccc taaaacatti gtcctttggg
                                                                        120
ctacatgica titicetaatg taaagaaaat ggacagacag aaccaacatt gattigacig
                                                                        180
ggtgsaaaag teestttgag ttgggageag gggttgtgtt eetggatttg ggttgttagg
                                                                        240
                                                                        293
acagtgtwaa aaggetteac aggggwacat tettteetga taaaggwaaag dag
      <210× 539
      -211 = 46B
      <212> DMA
      :213s Homo sapion
      -320×
      allia misc_feature
      <2225 [11...[468]</pre>
      2235 \text{ n} = A/T/C \text{ or } G
      -400> 539
tttonataaa otttattitt agagoagiit taagnnggia goaaaatiga biagaaggna
                                                                         60
dagagatyti ocatadaoot (dtactdoca dacatgdada gddttocoda tlatcaatag
                                                                        120
cocceascag agggatacat tigitaacaa etgaegaace tacatateat tatcaeceaa
                                                                        180
aghorstagt thatathath cothologisg maththemsa tacagasath cotologis
                                                                        240
gaataaacta neaatttoot eteggettte tataaattta attattattt pagaaattag
                                                                        300
                                                                        360
constituta ceggegadea tyttataaec catgaadaga ctatcaadta cacaaggaag
tgastghtat atamammatg taccatotoc tamacameta cotgositoc ellettytig
                                                                        420
                                                                        466
gtaagitata attigmnata gitetgalea leigittaat taattige
      <210> 540
      <211 > 397
      KZ110> DNA
      <2135 Homo sapien
      <220%
      <2001× misc feature
      <227> (1) ... (397)
      <223> n - A,T,C or G
      -400> 540
                                                                         60
ctytttatt aattoeccca tttgcagcac actinicist tecaacatic atcagtcaga
                                                                        120
tragagirea eggirtitte aaaatttaga taaaciggot tacatiitigi aaigatgiro
                                                                        180
coagacaaca concactona accountety tityttacta tiagittana anatymatyt
                                                                        240
geetttaett teatttteat agtatttaaa aatggaaggg eacteecaaa tttactttaa
occentions antotototo effectione etetigatest compacement gittgatttac
                                                                        300
ttteetttat gatggattag tttgeatttt etagaatttt atatgaetga catataaagn
                                                                        360
                                                                        397
tittatett ciccccitig ggtticites tgtggca
```

<210× 541

<211> 248 <212> DMA

```
k213% Homo papien
             <4005 541
COLUMN TO THE PROPERTY OF THE 
taasatgtgc atsgtggggg ttttatttta agtttgttgg ttaggtagtt gaggtctagg
                                                                                                                                                                   120
                                                                                                                                                                   180
getgttagas gtoctaggaa agtgacagog agggetgtga gttttaggtg gaggggatt
                                                                                                                                                                   240
gttgtttgga agggggatgc gggggaaatg ttgttagcaa tgagaaatcc tgcgaatagg
                                                                                                                                                                   248
ettaagge
             a210a 542
             <2115 366
              4210# DNA
              <213: Bomb dapien</p>
             :2202
             *721 misc_feature
              <223 \times n = A, T, C \text{ or } G
              4400a 542
                                                                                                                                                                     \epsilon 0
aatoggoodt otagatgoat gotogagogg cogcoagtet gatggatato tgcagaatto
                                                                                                                                                                   120
geoettgage gatanegegg geaggteesa ttgatttgat ggtaagggag ggategttga
                                                                                                                                                                   180
conceptings tatestasses atecestages ategesegge gateseggact agestisates
                                                                                                                                                                   240
ogggeaggat agtteagang gittetatit eetgagegie igagaigtia giattagita
                                                                                                                                                                   300
gttttgttgt gagtgttagg assagggeat acaggactag gaagcagata aggasaatga
                                                                                                                                                                   360
ctatgaggor gtystratga magytgatam getettelat gatagyggsa gtmgegtell
                                                                                                                                                                   366
gtanac
              <210> 543
              <211> 460
              <212> DNA
              <113> Homo Bapien
              ₹400 ≈ 543
colactated etgitaaatt titlactoto totacaaegt tittiootae tetocaaege
                                                                                                                                                                      60
 getytteete titggactaa eagttaaatt tacaagggga titagagggt tetgtgggca
                                                                                                                                                                    120
 aatttaaagt tgaactaaga ttotatottg ggcaaccago tatoaccagg ctoggtaggt
                                                                                                                                                                    150
tigiogeote tacotatasa tottocoaet attitgetae atagsogggt gligefettit.
                                                                                                                                                                   240
 agetyttett aggtageteg tetgyttteg gygytettag etttgyetet enttycaaag
                                                                                                                                                                    300
 ttatttetay traattoatt stocagaagy tataggggtt aptocitiget atattatget.
                                                                                                                                                                    360
                                                                                                                                                                    41:0
 togttataat tittoatott toocttgogg tactatatot attgogocag gtitoaatti
                                                                                                                                                                    460
 otatogoota tactttattt gggtamatgg ittggctmmg
               <210 - 544
               <2115 116
               <212> ENA
               <213> Homo sapien
               <230>
               <221> misc_feature
               <2225 (1),..(116)
               <223 s n \Rightarrow A,T,C or G
```

179

```
6400× 544
cogocagigi gaiggatate igcagaatte geociiigga gogeingege cegggeaggi
                                                                        60
ctgtttcage agetoeteet tettetteed gegangatet egageettga tetteg
                                                                       116
      <210≥ 545
      4211> 380
      crirs DNA
      <110> ното варіел
      <120>
     .221s misc_feature
      <222> (1) ... (360)
      <223> n = A,T,C or G
      <400> 545
                                                                        60
ugacqqatoq atmagetmga tatogaatto ggacqageat ggogtattge tgcagatatg
gattottoag aatgotosat gadaaatgta otgaogggaa gmonatotaa aggaggoatt
                                                                       120
gunatqepaq esaggiolog agorocagai aaagagagat acagagiici iggaatigga
                                                                       180
                                                                       240
gtigeagaas cagiaagada aiogatigig gggaagegii oiittagaga ateltiggdo
                                                                       300
ttcackccaa agogtegete tecalcaata ataagtayot ogtgooyaat tootadagee
ogggggatee actagitiota gageggeege caregeggag gageterage ittigitieer
                                                                       350
                                                                       380
thtagtgagg gttastttcg.
      €210× 546
      <2115 418
      <2125 DMA
      %21% Homo sapies
      -400× 546
                                                                        6 D
ссаруусках тэдрохоруку маруалахих аруусахсох ассаруалах дауралуса
astigieeet giltgeggat gaeatgatig talatetaga asaeeceatt gieteageee
                                                                       120
                                                                       180
sassicted tasgetyate speakettes grassytte aggstarsas atcastytee
assantesea ageattetta tacaccoata acagaccaac agagagecaa attatgagtg
                                                                       240
                                                                       300
aactoncatt caceattgot toagagesta eastacotgg gaetocaact tacaagggat
gtgamggaco tottomogga gamotmonam pomotgotom mggambtema ageggataca
                                                                       360
                                                                       418
ascaaatgga agaacattor atgotoatgg gtaggaagsa toaataloat gaaaalgg
      <1105 547
      c211> 172
      <112> DNA
      ≈213⊳ Homo sapien
      <400> 547
                                                                         60
cotgagetty geagamattt tytocattto titagaacca aaattygomaa compagagta
tttggetgtt acecaesata totegtttod oltbotaguo tasatigget tgbitatago
                                                                        120
                                                                        172
accegictet coattigaga aaaaiggita ggaigeiggi gcagggaiga gg
      ≈210× 548
      -011s 367
      <212> DNA
      <213> Homo sapion
      <220×
      <221> misc_feature
      <222 > \{1\},...(367)
```

c223 $n = A_0 T_0 C$ or C

≪400>	5.4 Q					
ggtatgæstt	aacadaaaca aacadaaaca	at gesagges	agaggeagta	gaataatata	ttcaaaagat	60
ggreegaaaa	aaaaacctchc	agccacqaat	toottatoca	gcaattattt	ttcasasatg	120
2.4			agasantta.	actosantic	ttectascas	180
acctaccata	tasasatasa	asschotsea	aesattccta	tggctessag	caegttedag	240
aaqacaqtca	ettgaateea	cattttaaaa	aaagcactga	tatacgtaat	attgacatta	300
teeasgaceg	copteeness	ttlettettt	atestasatn	gottattaaa	taacatgtgt	360
ataatgg	•					367
₹110≥	549				•	
<211>	4 1.9					
:113:						
<2333>	Ното варіе	ים				
04	E 0.0					
<00 eps	n 1949 Santinopopera	and of the st	saactcacct	tractificat	cettosagat	60
Conductorage	accongagig	asatetetae	tettteaaca	ctttaattaa	atogratita	120
cardayette	gaturigety. tacktotott	attatttees	caatcttaaa	ctodetttad	aastacttet	180
ypp	dascarectt.	aacttagtea	cogtatttcc	tattttttt	tettttttt	240
ttacceaeat	thetetthat	chacaataaa	gtccagcgaa	ataceqtatt	taattaagtt	300
ecglesgrad ect tot base	araaaathtt.	arcattheta	gagettttac	ttaacettee	tattototag	360
teretataat	cetteaatea	agataappag	ttargaatat	ctectatace	atattagg	418
		-	_			
< 210 >	- 550					
c211>	231					
<312>	DNA					
421 35	· Homo sapie	£π				
220						
-220×						
	· misc_feat.					
	$(1) \dots (234)$ $n = A_i T_i C$					
4223	$\cdot u = H_i I_i U$	UL G				
<400 a	s 550					
		teattetatt	teccoctota	ttgatuccca	cotocaaata	60
teteateaae	aaccgactaa	ttaccaccca	acactoscaa	caaaactaac	tastactaac	120
atotoagaog	ctcaggaaat	agasaccgtc	tgaactaticc	tgaaagaaat	catoctagec	190
utoategoco	teceatecet	acgeatectt	tacataxcag	асдадурсаа	cgat	234
<210:						
	- 542					
·-	> DNA					
K2135	» Homo sapie	≘n				
*22fi						
•	- misc_feat:	1TE:				
	· (1)(542		,			
	n = A, T, C					
The second of th						
	> 551					
caccostaco	conntactae	temaagttnc	tataaatigga	toototettt	ccctcatgag	60
tgcccggttg	cecaagteaa	aaacctggga	gtgatataaa	otocconcac	atccagtcag	120
teacteatea	actotatiga	thengtetge	taaatatatn	tcast,tgtst	teacttasec	100

```
atatgeatan ggeactitet tetteaetge attittgtgg getgeaetta eettteaggt
                                                                        240
aacgacaaca etggeeecto ttgoeettot agtoagaagt gecammatya tgagagot&g
                                                                        300
cratqacaaa coguaçagoca acattacact gaatgtgcaa aactggaagg gcatccaaac
                                                                        360
agaggagggg agagagaat agacaggaag tosaactgto totgbttaca gatgacatgt
                                                                        420
trotatatot atsaagoood atagtottgg ecodaaagot tottotgotg atsaactita
                                                                        480
qcasagtott aqcatacaaa atcaatgtgc aaaaattact aacaqtoota tacatcaagt
                                                                        540
                                                                        542
Ca.
      <210> 552
      <211> 411
      <212> DNA
      <213× Homo sapien
      <220×
      <221> misc_feature
      <2225 (1),,, [411]
      <223 × n = A,T,C or G
      <400 × 550
cotggotysc aaggaggigd otginatgig aagalligag gaaagagcal todaggdagg
                                                                         6Đ.
yggaxgyttt gatycaxagg gtötættgox gycattagot gagettattt aamgatoxga
                                                                        120
atgaaggrea tigiggetag aacagagigg acaggaagga aiggiaccag geaaagriga
                                                                        180
                                                                        240
agaagttyge aggattyage teleataant catggeaaag agtteesalt teattytety
acqqaaataa attogaaqqt ottaaqtaqq aqaaqatttq attaqattta cattitacqa.
                                                                        300
agaaycathn tggatgttat gtgaagaaat ggcotttgca gggcaagggt ggaaacaaag
                                                                        360
agateagtta gyaaattutt ggagtagoty aygattggat gagyggatgt g
                                                                        411
      c210x 553
      <211a 631
      <210> DNA
      <213× Romo sapien
      <2200×
     <221> miec_feature
      k227* (1),..(651)
      <2238 \text{ n} = A, T, C \text{ or } C
      <400> 553
cogggattag aactasaacs agtgagatca coortetsat tatticigas citggttast
                                                                         60
                                                                        120
aaaagtttat aagattttta tga/goagoo actgtalgat attt/aagoa aatetgl/at
thasestath gatections thygacoacc bleatgites thygytatta taastaagag
                                                                        180
ataraaccal gastatatta lgtttataca asabcaatch gascacaatt cabasagatt
                                                                       240
                                                                        300
totottttat acetteetea etggeeeret ceasetgeer atagteacea aattetgttt
                                                                       360
tabalcably acctabgate abeautyabg tellbtabab acgtetttab getgetagae
                                                                       420
tgtgggtcas atgittceat titcaaatta titanaatto tiatgagtit asaattigta
                                                                       480
eatitiotees tocastosty taxaatgaas otyttyctus attygagtay tobcocarct
                                                                       540
asatateaag atggetatat getaasaga gaasatatgg teaagtetaa aatggetaat
                                                                       600
tgtcctatga tgctattato atagactaac gachttato ttda@@acoc coaattytot
ttagaaaat taatgtgatt acaggtagag g
                                                                       631
      <210> 554
      <211> S58
      6212% DNA
      <213> Homo sapion
```

<220×

<221s miso_feature <222s (1)...(558)

```
<2235 m = A,T,C or O
                                                                         ťΟ
deaggntagt of coalecter tylecettage tylecaded accteggedt decalagtyc
tgggattaca ggcatgaqoo actgegeeey geeaaacttg atatgeattt ttaaataagt
                                                                        120
taatacatba theatggitt agreteatta tatattetat ggtecaetti gasatticat
                                                                        100
Otamocmana toxtottomt octopmattt gaggtttgga excantgggg attgatcagt
                                                                        240
aatttottoa tatgoootti otoaaggaaa tagittoota igaaaaaaaa giootaigii
                                                                        300
ttoatgtdag ttototottt ggagaagdaa aggagadett ottaGttage actotoagtt
                                                                        360
ttacaaaacg ctgccaacct taaaatttgt ctattgattc ccaaggcaca caaccaatag
                                                                        42D
lotgicaata accoggaata acatticiti aaggodocag taactiicac atgittgggi
                                                                        490
tecastecte sectagaate tigitaagsa sagisaacea ticsetecte tagasactei
                                                                        54 D
                                                                        55.8
aaggttgctt cttagggg
      a210> 555
      <211> 212
      <212× DNA
      <213> Homo sapiem
      <400> 555
                                                                         60
coaggiutti goataatggo itticticig tigocitigi tectilgigg ceccagotaa
                                                                        120
ttgootgaga gtgoowotgt tagtittowa ototilotga tagawaecot gigiwolaan
arggeantot taggraator gotttetoaa agoacaatgo agaatttutt ggoggragtg
                                                                        180
                                                                        212
taactttaag aatatoogag aagedacdaa gg
      -210> 556
      <211 × 219
      -212 - DNA
      -213→ Romo eapieo
      4.22U>
      <2215 misc feature
      <2220> (1)...(219)
      <223 \times n = A, T, C \text{ or } G
      <400× 556
                                                                         60
costylytot stotogeses seggesese secseytees asgecoutys ystegeseat
atotggagoa ttogaagaat ggtaagaagg coagagtgga goagaacaag tgtgggagag
                                                                        120
egitgtagga gatgegatca eaggotagga atgaagtgte aggocatgto etgtgacott
                                                                        180
                                                                        219
gratgreett graaggettt tittittit itteameet
      <210> 559
      <211× 483
      -212> DNA
      <2135 Home sapion
      <400≥ 557
cotactatgg gigitaaatt inthactord totacaaggi hitticotag igtocaaaga
                                                                         6.0
getgtteet@ Litiggaetaa engitaaabt tacaagggga titagagggt tetgigggea
                                                                        120
aatttaaagt tgaactaaga thotatottg gacaaccage tatcaccagg choggtaggt
                                                                        TÜÜ
ttgtogooto lacotetees tottocosot attttgotae etagaceggt gtgotottit
                                                                        240
agetettett aggtageteg tetegttteg ggggtettag etttggetet eettgeaaag
                                                                        300
```

```
thattictag traattoatt atgoagaagg tataggggtt agtoottgot atattatgot
                                                                        360
tygttataat Ettteatett teeettgogg tactatatet ättgegeeag gitteäätit
                                                                        420
                                                                        의 S D
costogocta bactitattt gggtsaatgg titggctaag giigiciggi agiaaggigg
                                                                        482
      <210× 558
      <211 - 679
      <011> DMA
      <213. Homo sapied
      <220⊁
      <221> misc_feature
      <222 \times \{1\} \dots (679)
      <220 > n > A,T,C or G
      <400× 558
                                                                         60
ctgtmaawat totgaacota tooccaaaag aaabacogtg aaatacaagt titaggaggt
ggagdamaga asagcdamgt tatttmaamad damtaamdad magagadmat totgdtggmg
                                                                        120
                                                                        180
pattiacitt ciccapaaca tomasiggad titamagcag magaccacai titaigmyam
agttatgtea etgaaaaget testgtaaag tgaetttgta aatggaatat tittaaatga
                                                                        240
                                                                        300
taasaagaan ataactitto caggastoot tiggagaggo igataaccag alattaaatt
                                                                       . 360
atcaattttg ccaaagtgga ottttaaaaa atgtgttact tttaaaaact aacttgaaag
sattbatgay gcaatctato tgagtetgtt tattgttgct ccabtggctt tcaggatttt
                                                                        420
ggteatttes etgitaacte tiacateaga gaataaagaa aagaaaatga aactitgita
                                                                        460
                                                                        540
qqaactggga tggaaaatgt aytorcagac agatotactg acctcgactg agtttcagaa.
atateceagy attitegetta theatgeett tettitetga etticittes astrageess
                                                                        600
ttaaagatae peetteaate apeggtgada teagtacaae agiittieaa dagiittiete
                                                                        660
                                                                        679
tatactgeca essceptit
      k2105 559
      -211: 48B
      6212> DWA
      alle Homo sapien
      <020>
      <221% misc_feature
      ~222> (1)...(488)
      \epsilon D23 > n = A_0 T_0 C or G
      <400× 559
                                                                         60
erreartyta eteragenty gytyacenea tetesaaysa yasaayttae cagatyteat
gggtaksygt tggtollosa ptggcolost aagttgtotl gcalttaast toagggaatt
                                                                         120
                                                                         1B0
cattggaeca ataggitaea tittegitee tittitgitt tygiteatet gitaageagt
gggggggtaa ttactgctcc ittgtsaassa cacetiittcc caaagaacac tgaattaccg
                                                                         240
                                                                         300
treasactgy tigtigatgg glascaaggg cigtilitge tgeoccadaa gggettaaca
                                                                         360
atttaggegg stagttlært taaaxaaaaa aatrotttagg agacatactg asaatgossa
ctagitteta aattateaat teestasaig aanaagsagi tigesanagi tiagistean
                                                                         420
                                                                        480
asaatgacty gütggeteta titaaatean aaceesatti etacgeseet geergeeegg
                                                                         488
ccaeqqqc
      <210> 560
      <211> 602
```

clilo DNA

e213⊳ Homo sapien

<220%

<221> mjsc_feature
<202> (1)...(602)
<223> n - A,T,C or G

```
ectanttaag aattoettgo ettagtiggtig aadaaggadt aaadadagad aatgiggtigaa
                                                                        60
                                                                       120
acacagaege taatteacat aacagagagt aggeaacett aagaatgaat tgatgeagae
                                                                       180
teetatagaa trectetytt atgaetyyyt tettatutte teete tigt atytäyttyä
aathtoatoa (hatgaatag thoothggat othtititaa agilgigaat gogagigitt
                                                                       240
ggottigina tacaacitti tägiateeag äägätääeeä gigetetäee kataaagate
                                                                       300
tittgataca asgggtitta acticigoca gitcitacio attitittoa ggittittat
                                                                       360
acattiotta aacaacacat acattatgia aaatataaga attaatgiac attotcaagg
                                                                       420
ccagattoag tgacaaaatg cactacooga atctagtaac acatttacto ottgotgoat
                                                                       480
ataagliggug tigtaagaaat acagggtala tlighthibigtig abccaligcag taaatightca
                                                                       540
canatatoug geasacanet agaegntett engethetha mattametigt eccagicata
                                                                       600
                                                                       602
      <2105 561
      <21.1× 683
      <2125 DNA
      ≈213× Homo sapiem
      <400> 561
gtotättitt avavegamag mammaanoom ettittiata gideestaget itgeedistg
                                                                        \mathbf{60}
coogcottaa giggaaggaa agitaatoac itaaciaigi ittalaaaaa gaaaaaaggg
                                                                        120
cotggastyc tatiscigtt cacacaaagi algaltoigi tigaataagg caasigotoc
                                                                        180
tttttttaaa aaaagacatt actglaatat caaaaaccgt ggcagttigt alacaactcl
                                                                        240
gggottgatt ttttttaasa saacagastg aattgatgto ttattttata aatgttotat
                                                                        300
atttattagg agaaaacttt stattgoott tittateami eatgiaaeag gottataget
                                                                        360
ttocaacaga getgettgee aaacaatttt tittgittat taaacagige igaaacaaac
                                                                        42D
aggateagus thtsettaag styttaagaa tysygaettt laateageeg saccaagata
                                                                        490
ttgttacctg tatgcattcc casagtetag atgctcagta tgttcagtcs tatetttcag
                                                                        540
aatoagigaa oogattadoo Ettitiiggi alloactota catolgocaa oolagiinad
                                                                        600
ettggttttg tgtetgetgt ageagggobe cotakettgg tikkoacegta gggattatea
                                                                        660
                                                                        563
ttgtstacat gctgtgsacs tgt
      <210× 562
      <2115 420
      <212> DMA
      ≈213× Homo sapiem
      <400> 562
                                                                         60
geactititt tocagtaagg atteatetet tgeteteeta tatggteatt atatittata
tuttecabat ttataaacet gecetetgie ttlatgitco ecaeagggot itgastagaa
                                                                        120
tttacacata gagttecetg ggttgatgtg tttateaaaa tggaagataa agtgagttaa
                                                                        180
btacttaeat atttaecact attgaataga aalaatttec ccaalattge tteatgattt
                                                                        240
agaragirta tipzaigitt aagraagges riagariaag titattaaga caaattiigg
                                                                        300
                                                                        360
aatatotooa gaamtatgad otegotaata otacapagto aaagetoott gaatootgtt
atatagtgga ttoagattga tgtggcagtg gtggttacac taggggcact aaggttatco
                                                                        420
      <210× 563
      <211> 482
      <217> DNA
      <213× Homo sapien
```

```
4480× 563
cuccadetta etaccagada acottagoda saccatttac ecasatasag tatsggogat
                                                                         €ព្
agaaattgaa agotggogda atagatatag tacogdaagg gaaagatgaa aaattataad
                                                                        120
Caagdataat atagcaagga Ctaacccota taccttotgo ataatgaatt aactagaaat
                                                                        120
sactitigosa ggwgwgodaa agetaagsoo eeegaaacca gacgagotac etaagaacag
                                                                        24Û
ctameagage acaccogtot atgtagomen atagtgggam gatttatagg tagaggogan
                                                                        300
                                                                        360
asacetaceg ggeetogtigs tagetogtig tecaagatog aatottagit caasittage
trrecocada gaaccorota astoccotty taastitaac tyttagtoca aagaggaaca
                                                                        420
getetttigga cartaggasa saacettigta gagagagtas vasatttase seesatagta
                                                                        430
                                                                        482
991
      <210× 564
      a2115 302
      <2.12 > -D R \Lambda
      <213> Homo sapien
      ₹400× 564
etggaagtga aggtaetaat atacaaatgg etettgitte igaataigig atataatiig
                                                                         60
                                                                        120
tgaatottig gaaactgaat tittiotetg gagtgcaaat atagaagggt tattitacaa
tgtttgttgt gaaaagaatt cactttgtaa acaactatta eggetggaag tttagtgeag
                                                                        180
gtgcatagtt ttgasagcts cacaggtgsa asatcaaact tattgtttgt aattittgctg
                                                                        240
ttacatgita agitactitg acageaatti tetaatgata algigattia igalitaasa
                                                                        300
                                                                        302
gg
      <210x 565
      <011> 554
      <212> DNA
      k213. Homo sapien
      <220>
      a221s misc_feature
      < 222 > (11 ... (554))
      <223> n = A,T,C or G
      -400× 565
ecanngigae ateatggewa tacageeaga atteignmat listifagaa geeleaagga
                                                                          60
gaaggatoot ggageeeetg aatgagagtt tetteteeat geeteteeee agteaaaata
                                                                         120^{\circ}
Calggeanta thostogasy cathghaced ageatgates ggaeggeigg ageatggite
                                                                         180
ettatotete igitizachag acateaacan tottaagtam otgiatgama tasattotet.
                                                                         240
gotgaeagoa aataaeomat otgaeaggto ttotggttao ttacacagat ttootagaga
                                                                         300
atetgaaate ageetaacag ggaagattaa tittitaasty aatecaagit satgassgra
                                                                         360
aspascicit atacegaaat acettiicot attataaago aggactacot tooctactit
                                                                         0Le
rtgatagacr taggacaatt tgaatgggca ttgwaattet tttggttgaa ttaegemaac
                                                                         4.8.0
                                                                         54Û
asgosaagga ssagtotoas ütsttattgg zasatttogg gagagattat tatotottga
                                                                         554
tetectagin nati
      <210> 566
      <211> €31
      <2125 FMA
      <213× Homo Sapiem
      €220>
      <221> misc_feature
       <222× (1)...(631)
```

<223> n = A.T.C or G

```
<400> 566
negacyctyt gaanneatte scaeggaste tygangytet tectytaact tettataata
                                                                         60
cateatataa aeghhiitiga aagatataga cacaattaac cootaaacaa cacactatot
                                                                        120
    thouse agreetypet with compat atotavency filestratout Atomasoner
tttcacacac ctaaagatag catttagcag caagttagtc agacaaaaca aacataaata
                                                                       240
tottoacatt tootatgitt gittitääöt itaottoata äägödäetga täätigaggi
                                                                       300
ttotttoaag tataagatti otaagattaa aaactgitti tgacatatti ttataasgas
                                                                       360
atamanunga aamegeaato emactattia tatgagtood tettoteema dagettiaga.
                                                                       420
tgttttttttg agtacttttt acacagaata tttttattaa aatcagttct aattcattta
                                                                       480
tyongattag gggannitga tiontaataa attaactita annthectt ctatctgott
                                                                       540
charcterst ecococates ceaceasate typicates gigaacigia gecastyfit
                                                                       6.00
                                                                       631
gittgagggg geodaamgda totggtamio t
      <2100 567
      <211> 510
      :2125 DNA
      <213> Homo sapion
      <220×
      addis misc_feature
      <2225 {1}...(510)
      <213> n = A,T,C or G
      <400> 567
ectabnatag ettetetage tateatacte caateagena aasatgagaa aatgttgaga
                                                                         ЬÜ
sategasgat eattoctost tissignosi citotanast tigigottas nantoigiti
                                                                       1.20
tetteteaty egecaneact teggesacty qqaasaatta ngnqtaesgg gatetaggna.
                                                                       186
atachgiria hingagcaat aabatatign gotaacgiro aggoatocha ibachgagaa
                                                                       240
atwaqqqasa atqagtqtaa aqtacsacta agaqtotoqq otaCaggqua saataccato
                                                                       300
                                                                      360
agttaaatat ccatagtoot agagoattta tgtaaaactg caatttgaat ootgoaatad
attitegett titkotoagt qataccaigt gigggaagib gildigidaa gglgggidgg
                                                                       420
ataatttgoo otggaaagga oggatagtga otttootgac atgtbaaaca tttgatootg
                                                                       480
                                                                       510
aagscacaag toaagaasta ggcatggtgg
      e210≥ 568
      -211> 180
      <215> DNA
      <213 > Homo sapied
      <200×
      <121> misc feature
      <2228 (1)...(180)
      e223 > n = A, T, C \text{ or } G
      <400% 568
                                                                        50
ttaatnigad noaegottai güggaggaga aignitteat gitaditata otaadattag
ttottotata gggtgataga ttggtocaat tgggtgtgag gagttcagtt atatgtttgg
                                                                       120
gattitttag gtagigggig tigagettga aegettiett aattiggigge igettitagg
                                                                       180
      <210> 569
```

<211> 237 <210> DNA

<21s> Homo mapien

```
<400× 569
                                                                        \epsilon_0
ceastigati igaiggiasg ggagggateg tigacetegi eigitaigia aaggatgegi
agggetggge gygdyatgag gadtaggetg elggdgggda ggalegttom gadggtttot
                                                                        120
                                                                       180
atttoctgag ogtotgagat gitagtatta gitagtittg tigigagigi caggaaaagg
                                                                       237
gcatacagga ctagqaagca gataaggaaa atgactatga gggcgtgatc atgaaag
      <210× 570
      <211> 353
      efile LNA
      <213> ното варіел
      <400> 570
ctytototoo attragagoo coagutygto otgacotott aceestiligg tyttitoact
                                                                         60
ttgatgitta tgaaccgatt goattasaaa tgcaggataa tgattcaggg ttagagaaac
                                                                        130
tattatttat acaaatgigg tiaacaccic atcattitaa attggcigig ciaataatgo
                                                                       180
                                                                       240
toattgtgot offoagggtt abglytytyt goglyfytyt gilotycoty aatolycaso
ctacattigo totggoagta igitigagtat algotagaat agaalggado laggdaadto
                                                                       300
teaggtocts deartasate cacttactta ggesacctoc taaateagta gg
                                                                       352
      <210× 571
      <211 > 402
      -212 - DNA
      ×213× Homb sapien
      <400× 571
                                                                        60
etgattitaa oaataaetae tytytteety geaatagtyt yttetyatta gaaatgaesa.
                                                                       120
atattatach aagaaaagat acgactttat tittetggtag atagaaataa atagetatat
cratgiacty tagnitite teaacatesa typicatty astybuacty steatycatt
                                                                       180
gttgaggtgg totgaatgtt otgacattaa cagttttora tgaaaacgtt ttattgtgtt
                                                                       240
                                                                       300
tttaakhtan tiekkaagat ggaltokoag atatttekat tottattota tottottota .
                                                                       360
cottgaggte tittgaeatg iggaaagtga attigaatga aaaattiaaag cattgitige -
                                                                        402
ttattgttcc sagscattgt castaaaagc atttaagttg aa
      <210> 571
      <011> 70
      <212> PNA
      <2313> Homo sapien
      <2205
      <221> misc_feature
      <2225 (1) ...(70)
      <2235 n \sim A_1T_2C or C
      <400> 572
tggatccgag ctcggtacca agcttggcgt satcatggtc atagctgttt cetgtgntcg
                                                                         60
                                                                         70
ttttacaacg
      <010> 573
      <2115 423
      <2125 DNA
      <213> Homo gapien
      <480× 573
                                                                         60
coaatqqttt ottagtgaaa gagtacacta gototgaatg caatgcoote agaaagatat
```

```
120
catteataga gacatacasa geacatgges acatgacatt ggaatacaeg attetgages
tottoattoa tgaccaadut ggotatagat ttoagatgto otottggoto gaaggatato
                                                                       100
tgggatater atgeteactt gestbeetht enethtaatt teattiteta agteettett
                                                                        240
                                                                       300
ghattghtto taxamgasus qaasatasto tiggagotti gottaagott Castagogat
gtigaaatti acatgttiga ateteaaago eacceatgig gaanganaac tialgetett
                                                                        360
 complete electronic interprise actitotate tightoctot cttacctoge
                                                                       423
tag
      <210% 574
      <211> 1.29
      2212: DNA
      <213> Nome sapien
      <400> 574
                                                                        \epsilon \circ
ctqttaaaaq aecaamotta qoaatatata acagtttgot amcaggattt tigactmito
actitioqqaq tiattitiaa aaatooacti tittactgag tottactaca taccaggoso
                                                                       120
                                                                       129
totaction
      <210> 575
      <211> 684
      <210 - DNA
      <213× Bomo ampien
      <230×
      <221> misc_feature
      2225 (11...(684)
      <223 and A.T.C or G
      <400× 575
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sagtteages tgeogttene tgtttaatte ateasacace aelggesgaa gtattactig
                                                                       120
                                                                       LE Ú
aangaaaaca aaagtaacgt gggaacttge ttatttgeta agccacaatg tättttteca
                                                                       240
ggastagdat asathtgcds tottlettgt gtotatggas asggggttta gsattgttto
                                                                       300
actesantt santttetat attqtcamae miquitqtat actemmett tammatgigd
                                                                       360
agggaacact tactaagcat thootoggsta toccactata thaagteeta ghaatatgat
                                                                       420
abagittati toaaitiitt tieaacteat acticottia aaaimgcact gaccaabaga
                                                                       950
aagttaacat gagottoatg tacaattttt aatotttttg cagaaaaata aactgagaaa
                                                                       540
ggutsaastt gttttattta agudactata udaagadata ttgatttood caatslaasa
attgagatag titacatitt tiggtacate titaaaatet ggtwigtatt titataCtga
                                                                       600
                                                                       660
cagoacator caattiggac asyctacatt tocagggoto aatagtcaco atgaatotoa
                                                                       684
attetaatea wagwegtige cote
      <210× 576
      <2115 134
      <210> DNA
      <213> Homo sapien
      <400× 576
                                                                        ΕÚ
cettatttet ettgteettt egtoraggga ggaatttgab gtagatagaa acegoretgg
attactocyg totgeactom gatceogteg gactitesto gitgascasa cgascottta
                                                                       120
                                                                       134
atageggetg cacci
      <2105 577
      -211 - 133
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<212 > IMA

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      <220×
      <221 misc_feature
      <222× (1)...(133)
      <223> n = A,T,C or G
      <480> 577
ergreteres attnagaags eccantingst estimaestet tasaaatttg gigttitisas
                                                                         60
                                                                        12ŭ
tongangith angaacegat tgcattaaaa angcaggata angathcagg gilagamaaa
                                                                        133
otattattta tao
      <210> 578
      -211> 200
      <2125 DNA
      <213> Homo sapism
      -400> 578
                                                                         60
octosaatot atottosaag gtgacecage aatoagtgto aatgcottta otgtagttaa
                                                                        120
congginati texticitia giotolocas gasaatoiga agligiatiag gosagiosga.
                                                                        160
accessating totocasaggi igeasstast tingbecosts maggassian prefitteett.
                                                                        200
gacttoctga traatgtcag
      <210× 579
      <211> 402
      <2125 DNA
      -213> Homo sapien
      <400» 579
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                                                                         60
                                                                        120
atattatact aagaasagat acgachttat titciggtag atagaaataa atagctatat
                                                                       180
coatgracty trytition toacoatoas tyticartyt aatytiscly alcatycett
gttgaggtgg totgastgtt otgacattaa eagttttoca tgaasaegtt ttattgtgtt
                                                                        240
tthaatthat thattsegat ggattotoeg statttetak ttttsittta ttkgtttota
                                                                        300
                                                                        360
cettgaggte tittgacatg tgganagiga attignatga æaaatttaag cattgittge
                                                                        402
ttattgticc aagacattgt caataaaagc atttaagttg aa
      <210× 580
      <211 - 245
      <2125 DNA
      -213 - Monio sapien
      < 220 s
      <221> misc_feature
      <2025 (1)...(345) *</pre>
      4223 \times n = A, T, C \text{ or } G
      <400> 580
                                                                         60
coantigutt tgatggtaag ggagggateg tigacetegt etgitatgta aaggatgegt
                                                                        120
agggatggga gggcgatgan gactaagatg atggcgggca ggatagttca gacngtttct
                                                                        180
atticotgag ogtotgagat gitagtatts gitagittig itgigagigt iaggaaaagg
                                                                        240
gcatacagga ctaggaagca gataaagaaa atgactntta gggcgtgatc atmaaanggg
                                                                        245
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BNSDOCID <WO 0100828A2TI >

<210> 581

<2115 294

```
<212> DNA
      <2135 Homo Bapien
      ≈≰00> 581
     comes progresses econocies threestate ataomagans that sacctt
                                                                        60
teatgateae georgeatag teaththoot tabetgetto clagtectgt atgecetttt
cotascacto scasculado texcusatas tadestotes gargetesgo sastagadas
                                                                       180
equotigaaet ateotgeeeg ocateatent agteetrate geenteenat cootaegeat
                                                                       240
                                                                       294
contraction aragachage tomachator effectives atcasatoma tigg
      <210× 582
      <211 > 130
      <212× DNA
      <213> Homo sapien
      <400× 582
gaggtegede teatagteat titeettate tgetteetag teetgtatge entittenta
                                                                        €.0
acacteacaa caamactaac taatactaac atcteagaeg (teaggaamt agaameegte
                                                                       120
tgaactated tgodegedat datectagte otdategede teddatedet abgeatestt
                                                                       180
tecateaceg angaggicae ogatocotoc ottaccatom setcaetigg
                                                                        230
      4210× 583
      <211 > 481
      <210× DMA
      2213 - Homo sapien
      <100× 583
                                                                        60
comagggtgt tetpootgee teageeteed amagtgetgg gattachuggt gigagedact
gtgootgaco acaggaaaac ttatttaaat gagagattig actogaaaga tocogittit
                                                                        120
ttaaggotot tagitottaa aagoggoada taatagaabb aghataatoo daaalaaatt
                                                                        160
tteagtagat tittggigta actigagaag aigatteigt eattittagi gacaattiaa
                                                                        240
anganotype atlytoleds godstagess gtgasctact galagitytt totyteasyt
                                                                        300
tttattggaa cacaaccaca optatttytt patetytætt ytetttygtt actitytyca
                                                                        360
                                                                        420
gagaccatgy conscasace tassacette actiticiage foithtaagas staattggco
cootgacaco etggiotiaa ggiotagaco aattattitoi caagugiatti agetgautoa
                                                                        4B0
                                                                        481
ũ
      <210> 564
      e211> 306
      <212> DNA
      <213: Homo sapiem
      <400× 584
ccaattaaga getaaattta casaataate tetateagga ggotttaagg titaatgist
                                                                         60
ctasegtoco tetggetata agaggottga atgtactgaa ttosaatttg gtiitttssat
                                                                        120
                                                                        180
ghtabaabag thtaggreeg agageeacat attletgiet aagaabagaa ageatageta
getgecomea cagaatatte statagaggt ggggggcaag sacasaattt atteattiga
                                                                        240
tacatagada tyggaetaet tagaatagae teataataga aageateate tygthtetea
                                                                        300
                                                                        306
totoas
      <210> 585
      <2115 30d
       22125 DNA 1
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<213> Homo sapiem

ARC. FOR	
<100% 565 coagaatggt acagagtgga gggtgttetg etaatgaett cagagaaagta titaagaaa	ia 60
acatagasaa acatetyoga agittogocag saatagaigg citgagcasa gagaceeta	tt 120
tgagotoatg gatagocaaa tatgatgoca tttacagagg tgaagaggac ttgtgcaaa	ic 180
agccaatag aatggcccca agtgcagtgt ctgaacttat totgagcaag gaacaacto	g 240
atgaaatgtt teogeagatt etgggtatta awaaactaga acaccagete etttataat	.g 300
catgtdag	308
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<213> Bomo sapien	
c220s	
<221> misc_feature	
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$\langle 223 \rangle$ n = A,T,C or C	
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ctgaaaaatt claggaaage ttattteee ttatattit atggmaettt caacactt	nt 120
caacactatt thaattaann tithtiotag agittatann atatoagiac attoitti	tt 240
gliggatgeas testatagas tottettoos satottects geaggneetn ttasettet	
caregenten catagigati aaccaaaatt agitatgati teigeetain igigigaga ettaragggg aaattgitei aaaccigagg aacaigaagi aacigtacig cacagicos	
cttacagggg aaattytti aaattyagg satatgaaga battgaata gtitgg	416
ateatealay teatittata teacetteaa itmeecaaca gettitaata gietge	
2210× 597	
<210> 587 ≥31> 382	
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<pre></pre>	ca 120
<pre></pre>	ca 120 gt 180
<pre>421> 382 4212> ENA 4213> Homo sapien 4400> 587 retactatgg gtgttamatt tittactete tetacmaggt titticetag tgtccaam getgttecte titggmetam cogilhamatt tecampgom tittagmyggt tetytggg matttamagt tgmattamag tictatettg gacamecage tatcaceage etegging ttglogete tacchetame tetteccamt attilociam atmagaeggt gtgetett</pre>	ca 120 gt 180 ct 240
<pre></pre>	ca 120 gt 180 ct 240 ag 300
<pre></pre>	ca 120 gt 180 ct 240 ag 300 ct 360
<pre></pre>	ca 120 gt 180 ct 240 ag 300
<pre></pre>	ca 120 gt 180 ct 240 ag 300 ct 360
<pre></pre>	ca 120 gt 180 ct 240 ag 300 ct 360
<pre></pre>	ca 120 gt 180 ct 240 ag 300 ct 360
<pre></pre>	ca 120 gt 180 ct 240 ag 300 ct 360
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<pre></pre>	ca 120 gt 180 ct 240 ag 300 ct 360 382
<pre></pre>	ca 120 gt 180 ct 240 ag 300 ct 360 382
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<pre></pre>	at 60 ag 150 ag 150 ag 150 ag 150
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<210> 589
<211> 69
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                                                                          60
                                                                          89
acageaaças tytotesaas asaassaasaa
      :210> 590
      <211> 456
      :212> DNA
      k213⊳ Homo gapieb
      4400× 590
cotcagitot (pattotogi toacogogo toacostoga gosoccati tagistasag
                                                                          \in 0
etteemaset tetetettaa tegettetti aatettitaa aeemtettea agtgemingg
                                                                         110
ggagtttecg atgreagagg atgasageaa gtgetetete caccetetee teecagaglg
                                                                         150
assacasante ettitgetga taetigitte assagestee attgiasage tieteagiga
                                                                         240
cadaaaatao tgagaggtaa ofittitatoa atoaaaddao ataooddaat tiaadaodti
                                                                         300
toaatgetet gaatteaaet gaeagaetaa agggtyttte etgtaacagt etgaaatatt
                                                                         360
                                                                         420
aagtyttitt titgittigi tittaaatoi tatticagaa aacticoloi iggggdagga
                                                                         456
saytecacat gasgeagcas agtasegasg asaaad
      <210× 591
      <211> 289
      <212> DDA
      √213× Homo sapiem
      <4005 591
                                                                          60
coaattgatt tgatggtaag ggagggatog ttgacetegt etgttatgta aaggatgegt
agggahggga gggcgahgag gachaggahg abggcgggca ggahaghtca gacggthhol
                                                                         120
                                                                         1 E 0
atttootgag ogtotgagat gttagtatta gttagttitig tigtgagigt täggääaaagg
                                                                         240^{\circ}
gostacagga otaggaagda gataaggasa atgadtatga gggdgtgatd atgaaaggtg
                                                                         289
ataagobott otatgatagg ggaagtagog tottgtagac otactigog
      <210× 592
      <2115 435
      c212> DNA
      <2135 Homo sapied
      <320a
      a221s misc_feature
      <0225 (1)...[435];</pre>
      6223 \times n = A, T, C \text{ or } G
      <4000 592
                                                                          EO.
egryttagat gegeettite eggeetgige gietgeteig gitteeteisa ggeagesaag
                                                                         120
ctggggaagg aagctcaggc aggagcctcc ccgacaccac agcggcacaa gcagcagcta
sagoacegou etitgotetg otaaeettit aettaaatga ggttitigeea aateeseate
                                                                         160
                                                                         240
tgqsaccqca tcacacccat ttgcasggat gtttgttctt igalgaasct gcslctctac
                                                                         300
tgeacatgan ggettteatt gtaggaeaag oggagagtte gtitaittit gtagetgitt
                                                                         3 \in 0
tagetyttic gattanttaa toggnagott atgtoettty otatgootgi lytottolee.
                                                                         91 D
tototootta etaaaaoatt aottoaaatt thaattgaco ottgtttata atttatttaa
                                                                          1.35
egggattign gigte
```

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     e2115 633
      <212> DNA
      :213: Homo sapiem
      <22\,\mathrm{Hz}
      <221> misc_feature
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      <2235 n = A,T,C or G
      -400× 593
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                                                                         €D.
                                                                        120
agoutaasut attatgause tattocagas gttesgtaat atettiggga cetgetesta
geenaagitt igigaataet tiigiagita aaaanaatti tiaettiaee agggeatige
                                                                        180
esticitic catcagigas titicaticis cagacittic agagcatoic sisatcagio
                                                                        240
                                                                        300
ascanateta tittesaatgi gittgitaet aageaaeggi igelaagage tieigiaati
                                                                        360
asgatgasag thocaaggta acsatgooda aadacagead dattttcade attttctgat
                                                                        420
aetgonggan taggatggot aaaagtgasa gnagaatota ototatggaa agostggoso
ctgaaattto tgaagatatt ggotgtooto tagottatat gagagagagt gtttgtgott
                                                                        480
                                                                        540
tectasticas coagtesthi tittettigig iggotgasat giacaticca gaestysaca
                                                                        600
ggtagagtat gtgttggggg baggtttata btgcatgggt gtgctgagab agggecabgt.
                                                                        633
ogtgetgtse stgatgdtgn digedacytg deg
      22105 594
      <2115 501
      «112» FNA
      e2135 Homo sapien
      :22Ú:
      <221> másc_feature
      222 \times \{2\} \dots \{501\}
      <223> n = A,T,C or G
      <400> 594
                                                                         60
cotttacaag atgotggtac ottgatettg gaengggeag getecaagat ggaangaaag
                                                                         120
tgagdatotg offikkaggg affalddagt ofatactaet ofgifolago cadacaasac
                                                                         180
aggittangan aganatiggi annangagig gggigitani anagnaaata onigsaaatg
                                                                         290
tagaagagge tittgaaatgi ggiaattgga agaagetggi agaattitgga ggagiagget
ayaasatyto tolattitoa tyastyysyo attaaysata attonyytya gyncatayyy
                                                                         300
                                                                         360
asagtotaaa antittoaga aattatgtaa gogattgiga ttagtaggit ggtagaaata
                                                                         420
laganegtas aagcasttot gatgiggtti cagaggaaaa kgaamaatai tagsaarigs
                                                                         460
aggaagggge atcettgeta taaactgges aagaacttgg etgawwtgte tecatgtoca
                                                                         501
agagaitlat ggdagaaatg (
      <010> 595
      <211 × 383
      <213> IMA
      <2135 Hamo sapien
      <100> 595
                                                                          60
etygteacca teatecettt aat680etea enectyttta abgagtyttt etyatttyae
cticatecon tagittacig gegitaaaaa aagictcage aattiteati atticiegig
                                                                         120
ggtoteatta teasacettt acttatttog geatatttec toteggette ttotagttte
                                                                         180
tgeettacaa geaatgetgt tetgtaaatt tattgaaace tetggaacat tteacettta
                                                                         240
```

```
gagatggagg atggaaggat tygtaccaga agagggdtaa gatacgtttt ctgtcttgag
                                                                       300
                                                                        360
otgaaagdad agtopactot oottogttit gtogatgaga aagtigaggd dagaggggag
                                                                       383
gtgacatett tagagtoaco cag.
      <210> 596
      KUISS DWA
      a213a Homo Eapieo
      <400° 596
ccalggotag gittalagat agittggglog tiggggtasa igagigaggo aggagicoga
                                                                        60
ggaggttagt tgtggcaata aaaatgatta aggatactag tataagagat caggttegte
                                                                        120
cottagtgot gogtstggct atcatetgtt togaggotag totgattagt categorgag
                                                                       180
                                                                       240
tegtaattag teggetestig atgagatatt teggageteggg gatemataga egggegaaatm
                                                                       266
gaatgatdag bacbgcggcg ggtagg
     <210> 597
      -2115 383
      <212 - DNA
     <213> Homo sepien
     ×220×
      <221> misc_feature
      ~122> (1)...1383);
     +2235 n = A,T,C or G
      <100> 597
etgytoxeca textecettt aatemaetea eacengtita magagigitt Otyattigae
                                                                         6 Ü
cticatecet tagittaetg gegitaaasa aagteleage aattiteatt attictegig
                                                                        120
ggtotoatta tomamootti actiattiog pominition totaggollo thotagitto
                                                                        100
tgoottacaa godatgotgt totgtaaatt tattgaaaco totggaacat ttowcottta
                                                                        240
                                                                        300
gagatggagg elggaaggat tgglendaga agagggdtaa gatadgttit digictigag
                                                                        360
etquaageae agtotuetet eettegitti fitegatgagu aagitgagge cagaqgggaga
                                                                        383
gtgadatytt tagagtdadd dag
      <210x 598
      <311> 266
      <212 DNA
      <213⊳ Homo sapien
      <400% 598
                                                                         60
coatggotag gittatagat agitgggigg itggitata igagigaggd aggagicega.
                                                                        120
ggaggttagt tgtggcaata aaaatgatta aggatactag tataagagat caggitegte
                                                                        190
etttagtgtt gigtatyget abcattigtt tigaggitag tityatiagi cattytiggg
tggtaattag toggttgttg atgagatatt tggæggtggg gatcaataga gggggaaata
                                                                        240
                                                                        266
gaatgateag tactgoggog ggtagg
      <210> 599
      <2115 294
      <212> DNA
      <2035 Homo Sapien
      <220s
      <221> misc_feature
      <222» (1)...(294).
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<223 \times n = A/T/C \text{ or } G
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6220×

#321> misd_feature <222> (1)...(471) <223> n = A,T,C or G

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22105 602

<211> 482

<217 - DNA

<210> Homo sapiem

< 120 >

<221s misc_feature</pre>

2225 (1)...[482]

<223> n - A,T,C or G

<400> 602

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```
ctgtggates agyapeaact geasaattte caagtcaaga ctttttgagc sassacaaaa
                                                                       300
                                                                        36 D
atatgantat gaginsenaa tidagtanag tgaaaaaaaa gitgaagaga tatotiggaa
                                                                        42 ft
gtasaccatg ttgtggaaga gcagggtttt gataatcatg ggattattct gestgaattt
tonatgogat aggsatatat gagataatit caccagagaa taatatgato atgittigoat
                                                                        490
                                                                        482
      <210> 603
      <211> 372
      <212> DNA
      :213: Homo sapien
      <4005 603
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                                                                         50
ttapecette aquetageat tagaattaea ttatetyttt taetaettta etagaetytä
                                                                        120
agetectaça agataaggae tagggagtte atetetgtat tecarcagaa ggtacagtga
                                                                        160
ctcataacla gagtotttag algaaxotta otgagtigas taacttaata tattiotgil
                                                                        240
ttoatteera agggaggees tytetggaga tagseettya atttaataaa tittaggese
                                                                        300
tateccetit cagiggegee aetigtiggg eaethigggg ggaiggetai ataeggggga
                                                                        36 Q
                                                                        372
ggaagtdact gg
      <210x 604
      a211 > 468
      €212 × DMA
      <213 - Homo Bapieri
      <2200>
      <221 - mied feature
      <002x (1)...(468)
      <223 \times n = A,T,C or G
      <400> 604
                                                                         60
genghttiga gigagithet beatcetgag theiggning alligeaeigh ggielgagag
                                                                        100
ataqtitqtt ataatticig tiotittaca ottactgagg agagettiad tiocaagtat.
gtggtegatt tiggaatagg tgiggtgieg igetgaasag aatgiatatt eigitgatti
                                                                        180
goggtegeaga yttotgtama tetetattag etcegotteg tecasette aguteaatte
                                                                        240
                                                                        300
etggatages tigitaaeti teigielegt igaletgiel aalgiigaes giggggiggi
assocrace attatialty tytygyagid taagtetett totaggtese taaggadtig
                                                                        360
etttatgaat etgggtgete etgeattggg tgeacatata titaggacag enagetette
                                                                        420
                                                                        466
thgttgaath gahecettha coattaigta aiggeeilgn eichtiig
      k2105 605
      <211 - 28B
      <2125 DNA
      <213× Home sepien
      <400> 605
constigati igaiggisag ggagggalog tigacologi olgitalgis saggalgogi
                                                                         60
agggatggga gggogatgag gactaggatg atggogggos ggatagitoa gaoggittoi
                                                                        120
                                                                        180
atitoctose centregal ettaghatha etlaghtite iteteetet taggasaage
                                                                        240
geataeagga etangaagea gatwaggaaa atgactatga gggegtgate atgaaaggtg
                                                                        288
etaagotott otatgabagg ggaagtagog tottgtagad clacttgo
      <210> 606
```

<211> 572 <211> DNA

```
<2135 Homo Bapien
      <020>
      <2215 miso_feature
      <222> (1)...(572)
      <2235 n = A, T, C or G
      <400∞ €06
gaatnaaatg watgaaatag aawatatwat tgagagette aacaacagae tataccaaat
                                                                         60
ggsggasaaa atttotgaad tigaagatag atotitigaa staacadaag qagiggdaas
                                                                        129
aatgaattaa aaagaataag gaaagootaa aggatttatg agatatoatt aagoaagoaa
                                                                        180
anathqataq tatgggqatt qqagatggaa aasagmaggg taaaggtgag gasatqatat
                                                                        240
                                                                        300
ttaatgaast satagdagaa satttoogga gtottgggag agagatgago atttaggtoo
agggagetea aagsaceeea aacagattea aeeeasacag gteetetetg gageeeaaca
                                                                        360
tagtomasti giaarmagia maagadaaag mattotaana mgomitiraag agamamagagi
                                                                        420
caagicetaa atangggaat etecattagg etaacagcag atateteage agaaagetta
                                                                        460
cangocangs gagsatggga tgststattc saagtacttg asagcagggg tnggggssac
                                                                        540
                                                                        572
detgetaget assautatta taccettges sa
      <2105 607
      <211> 178
      -2135 DNA
      <213> Homo sapiem
      <220≥
      <2215 misc feature
      2022× (1)...(178)
      4.2235 \text{ m} = A, T, C \text{ or } G
      <400> 607
ctoggggtas teteccagea agaggteagg teetggnigt gegieccagg gigteagtga
                                                                        120
auttggstge toebutgade cagggeabet teatgegtot teadageagg actabigtga-
                                                                        178.
ccaaggerag acctitrate titeamaaga etitgaetaa aaatgetita amaaagea
      <210> 608
      <011.5 416
      <2125 DNA
      <2135 Homo sepien
      <400> 608
cotytoling aatgystgaa ataggtteet aasgaacato actytitasa sactegasce
                                                                         60
otgaaaaatt otaggaaage ttattiteee itatattiti atggtaetti caacaettaa
                                                                        120
respectatt trastisagt titotoriag agittatagt ataloagtar attoricte
                                                                        180
gtggatgcaa taatatagaa tottattooa aatottactg gcaggttoto ttaaattott
                                                                        240
                                                                        300
caacggotgt calagigati aaccaaaatt agitaigati toigcotato igigigagaa
ottacagggg aaattgttot aaacotgagg aacatgaagt aactgtactg cacactccaa
                                                                        360
atgatgacag föatbitata toacetteaa timeecaaca getittamia gietgg
                                                                        416
      <210× 609
      <211> 648
      :012 > DNA
      <213> Homo sapien
      <4005 609
                                                                         60
Ctoatototo agcagamact ottoamacca quagaqaqtq ggqqcomatm ttcamcatto
```

```
ttasagasaa taattitosa ooosgaatit ostatoosgo caaactaaco ticacaagig
                                                                                                                                                    120
aaggagaaat aaaatootti acagacaago aaatgotgag agattitato accaccaggo
                                                                                                                                                    180
ctaccctase agagttoctg asggaagced teaacatgga aaggsacasc cagtaccatd
                                                                                                                                                    240
gaggetagga agabaceges tesaetsagg ageasastaa eesgetasea testaatgse
                                                                                                                                                    300
                                                                                                                                                    360
aggatosgat, tososcatsa ogatattaso titsaatgis satggactas sigoiocest
          CONTRACTOR OF THE PROPERTY OF 
ggesaccoat eteacogtgo agagecacan ataggetosa aataaagggo tggaggaaga
                                                                                                                                                    480
                                                                                                                                                    540
tetaceaage asatggaaba easaabaagg caggggttge aateetagte tetgataaaa
                                                                                                                                                    600
cagactttaa accaacaaag atcagaagag acaaagaagg ccattacata atggtaaagg
                                                                                                                                                    €48
gateauttes acaagaagag ctaactatee taaatatata ttgcacco
             <210> 610
            <211> 310
             :212> DNA
             a213≥ Homo sapien
             4400% 610
coagetette tetyteacat tectaittet gaettelgee tggetticag ittelgened
                                                                                                                                                       60
acottogott titoccaaget igaacotaat agaactocag agtiigggggg gaggccago
                                                                                                                                                    120
contigriti oigototiga agostatica cacateaasa giigistici oitacacsaa
                                                                                                                                                    150
etyttitgag getettavog tagtogaagg tatettagat etteettagt gateteatta
                                                                                                                                                    240
agaatatoog amagtghata accorotica acaatotgaa mcaaagatoa gatoottaag
                                                                                                                                                    300
                                                                                                                                                    310
agutgagtag.
             :210× 611
             :211> 254
             <217> DNA
             -213× Homo sepien
             2220×
             <2215 misc_feature
             \pm 222 \times (1) \dots (254)
             <223 \times n = A.T.C or G
             <400× 611
otgittitan atotakagos atagaciaga acigsatini ottotadata giasaatoso
                                                                                                                                                      ΒÛ
                                                                                                                                                     120
astiguqqaa tuacaggaat totggtgata tlaaggtgaa acaacsaaec acsaaaggco
ctattttaan agtigatgig acagtaagit tiaatagaan oigiaacite attiiggaaa
                                                                                                                                                     180
tgottotoca ocasatsagg cotttttooc otatttaagg agocagatgg attgaaagat
                                                                                                                                                     240
                                                                                                                                                     254
gteggaaatag goag
             <210× 612
             <211> 225
             42125 DNA
             ~213> Homo eapien
             <210×
             :201> misc feature
             <0225 (1),...(225)
             -2135 n = A.T.C or G
             -400× 612
 ctyectelat matytoscoa toatagodas tadaamattn tigodataot tootaasaad
                                                                                                                                                       60
 citticgent neactysics typiscital cagoscitto tascatoriy accassosys.
                                                                                                                                                     120
cacceacade tettatagag tacaetgtga gagaataaca tggaettgat atggeateae
                                                                                                                                                     180
```

```
225
actigittis sagcassas sassgassas gasaaqaasa uassa
      <210× 613
      c211> 471
      e212 - DMA
      <213> Homo sapien
      <220×
      <2215 misc_feature
      \{2228, (1), \dots, (471)\}
      <0.23> n = A,T,C or G
      <400> 613
ccatcagact tottgggtgc otggetatat toastgtgaa gtaaaaaata toocaagtet
                                                                         €Q.
tecedomane tagagactor garttagesa cetactitta gottitottit tamataageo
                                                                        120
attotggaag aasaasaaay saasaqqssaa gasaatcaag titgaascac agitsacact
                                                                        180
tatittiggra agaaagdesd caaaatdtaa aaagdataaa dtatigngtod aaatignaaas
                                                                        240
рупаттиран васваество мананнувая авттаженое прастумары наменетары
                                                                        300
gtatgtetaa eattitggas tignaatita aaceetasgg gesaaagetg aaaaateatg
                                                                        360
ettanaesto ggoogogaes sonetaaggg egaatteean caractggeg gnegttaeta
                                                                        420
giggateena neieggiaes aagetiggeg taateeingg catagetgit i
                                                                        471
      a110> 614
      .211> 421
       <212 × IMA
       <213> Homo sapied
      a400≥ 614
 gttattrict agastggoto toccatchig agtatgigig atgittocic aigtatgaat
                                                                          60
 gaegosteta catottigio agaagiatoo cageagoaat toigiacioi coloattaig
                                                                         120
 ttotattogg toggocatog titttoatti ototoattac toatoatogi tacittati
                                                                         180
 attigatesa ggttgtstat ascitateta tratggcara atacattago casaacettg
                                                                         240
 grggtgtaaa acagcagata ettacettte teataggaat geetetattg agtacetetg
                                                                         300
 totoaaggot totoaagagt tigtapotad ottgitggot gaggitgogg totgadolaa
                                                                         3€0
 aggettagtt aggggggtggt agaaatette catatgttet tigetæegig gæeeteæeag
                                                                         420
                                                                         421
       <210× 615
       22115 242
       <212> DNA
       ⊲213⊳ Homo sapien
       <400> 615
 ectrotatti attotagoca cototagoct ageogttiae teaateriet gateaggatg
                                                                          60
 agcatcasse tesascusog coetgategg egeactgogs gesqtageed assessible
                                                                         120
 atatgaagte accetagees testtetaet steascatta etastaagtg getretttaa
                                                                         160
 cototocaco Ottatoacaa cacaaqaaca cototgatta otootqocat catgaccott
                                                                         240
                                                                         242
 qg.
       c210> 616
       <.211 > 332
       -212 > DNA
       <213s Homo sapien
       <220×
```

<221s misc feature

200

```
<222> [1]...(392)
      \epsilon 223 \times n = A, T, C \text{ or } G
      <400> €16
                      daspather achtecent stragger cryktarage
taccatquit intentitint toctameter nitggiticag citgogamin trangigees
                                                                         120
gtaaagtngg gatgitgaat nggoodtini tigitdiggd agngagidaa gngiddanca
                                                                         180
                                                                         240
ttttttcata agngtttttt aaastngtte teesocattt tatggeteet ceeteesatg
tootoxaac: cagoxasago gtanaggean aattanagga coomceeggg eggeegmtas
                                                                         300
gggenaatte cageneactg geggeegtta etagoggate enageteggs necaagetog
                                                                         360
                                                                         392
gogtaatest ggmostaget gitteetgig an
      <010× 617
      <211 × 215
      <2125 DMA
      <213> Homo sapien
      <400 > 617
cotactatgg gtgttaaatt tittactoto totacaaggt tittitootag tgtcciaaga
                                                                          60
gotigtto.to lotiggacted cagitasett bacsaggggs tittagegggt totigligggca
                                                                         120
aatitamagt tgaactaaga tictatottg gabaaccage tateaccage cieggtaggi
                                                                         180
                                                                         215
ttotogonto tecchatasa tottoccaci stitti
      <210> 618
      <211 > 433
      cilib> DMA
      <213 Momo sapien</p>
      <220×
      <221> misc_feature
      a222s (1)...(433);
      <320s \eta = A, T, C or \theta
      <400> 618
                                                                          60
ctitiginig celettitet genetegete getetetaa aactetete aaaaagteca
tggaatataa ottgtasago ttoocacaat tgacaatata tatgcatgtg tttaaaccaa
                                                                         120
atconganag ettamacant agagetgeat autagtattt attammgamt cacametyta
                                                                         180
aacatgagaa taacttaagg attotagttt agttttttgt aattgcaaat tatatttttg
                                                                         240
                                                                         300
obgotgabat attegastee tititaeety tostottysa etsgeestat ytatittaag
cactoacgea aaggtawatg aacaegtitt baatgigtigt gitigetwatt titticestää
                                                                         360
geettgtass cattgeactg sacesships scataatgga titiggitaat gacitatgag
                                                                         420
                                                                         433
caagetggtt tgg
      <210> 619
      <011> 259
      <212> UNA
      <213> Homo səpien
      <400× 619
ctgcagtgtc cotttttata tcatgctagt gttgagacat acttgactaa cttgggaaca
                                                                          60
                                                                         120
gitegatata tegacaaceg temaettang aaaatcaaca getettiggee eengegiteen
                                                                         180
agigaactit toatggagig pagaatoloa aaiggacaaa atamittgio tiiltaaata
ctgaaaattt aattattagi actatgactg aaagaitcht catggotaaa aagcootgca
                                                                         240
                                                                         259
tosasotosa thoaggagg
```

201

```
<210> 620
      <311× 393
      <2:10> DMA
      <2135 Romo sapien
      <400% 620
ecaccasage escaeggaga thenghesagg egengagaea ceacageent thewateria
                                                                         60
gggaesgeae treagtrate teesttaata treaceggta aggtrattga graattgtot
                                                                        120
tteaactgto taagaettta toaettaaga teataaacao agaagcaggt cataaaaata
                                                                        180
gottutotte aggottagge geattiglag gggcacttac tigataatoi geethiicta
                                                                        240
greagaagtt taaataeene ettitaaasa oataasatti aattigiaae aagitattaa
                                                                        300
casagosgta tigiogasag tittaagott totoocaata atttaattec attaattaaa
                                                                        360
                                                                        393
thittacrat totalight acadegianc can
      <210> 621
      <2110 563
      <212> PNA
      <2135 Nome sapied
      <400° 621
                                                                         БÜ
otgateatga taaaattato totatatggg caaacgogtg ctotttgtog aagaagaaag
                                                                        120
ctteagette atgitteeagg tgagttaatt aggematgia tgamigetma tatetettie
acatatttig ottaagatet giotiaggad totegidigg occalaiggi tittecaaggg
                                                                        160
cagaagggco totttttgat gagaggcagt tttcagtaac tottaaagtg ataacagcaa
                                                                        240
                                                                        300
aggagaggag agagaagagt aagacaaato gaaacattot boaattgott ottggcottt
                                                                        360
tggotaagot, caagetoasa acaggtette aaggagaaaa tacateacaa agaaaaggat
gittiatite tracetigie eragmaaaat tieestaaac tetattyget taattetgia
                                                                        420
                                                                        480
aacttqacca atateagagt getteetace aaggagggta getgatgage gtgaccatgg
tacatocteg aagaalgigt galgaagaag oliticecogi glasaagagi igeseattat
                                                                        540
                                                                        563
teaaggagae attatggtet tgg
      <210 - 622
      <211× 505
      <212> IMA
      <1113 × Homo sapien
      -220>
      c201s misc_feature
      <222> (1)...(505)
      <2223 > n = A, T, C \Leftrightarrow G
      <400% 632
                                                                         60
tettaagtgt gittaataga taaagtaaae titeetagie aagggitaga tittitattat
                                                                        120
Stottgtgtb ocyactttow acttttdaad titgeacttd easaeescat tectitgott
atcetttgta etitgateag gitgittaga attgtagate aaaceattet tigateatit
                                                                        180
                                                                        240
tattgtttea atgnttagtt ocatttataa titttatago Gaactotogg tialittotgt
chtthgagat tgcaattcag aagctgbatg tcgaagtaat btatgagttg actibbatac
                                                                        300
                                                                        360
ttaggettet ttammtaeta atmgtemaga attetagage atetamtaan amattmaett
                                                                        420
tregatrant gggaateigt conceptias statgiglas algositics acageasait
                                                                        480
getteatgee etitgnetat aaggaaatta iteettytäg etäätmeait itteätiitg
                                                                        505
cagnocaaat cttttttgag aaagg
      <210> 623
```

22115 489

<212 > DMA

<2135 Homo sapien

<400× 623 octactatgg gtgttaaatt tittactote tetacaaggt tittioetag igtecaaaga €0 gotsthatta ethogenhae cearragert kecsanddos titsosoggi totologgica 120 pattication of tigaterians the transfer of the same of 190 tigicgente isectatasa teticecaet attitigetae stagsegggt gigetetitit 240 agetgttett aggtageteg tetggttteg ggggtettag etttggetet cettgeaaag 300 ttatttotag ttaattoatt atgoagaagg tataggggtt agboottgot atabtatgot 360 tggttataat titteatett terettgegg tactatatet attgegeeag gitteaatti 420 cuatogotat acuutauttg ggtaaatggt kiggotaagg tigbolggta gtaaggiyga 480 484 gtgggtttg <210> 624 <2115 233 <212> DNA azisy Homo Bapien 5400% 624 gttggggaac apctasatag gttyttgttg atttogttas aasatagtag ggggatgatg 60 ctaataatta ggotgtgggt ggttgtgttg attcaaatta tgtgtttttt ggagagtcat 170 180 gtcagtggbs gtsateteet tgttgggacg ettegtbtte gcattggagt sggtttsggt 233 talgtaegta gtolaggeea lalgtgttgg agattgagae laglaggget agg <210× 625 <211> 459 <2125 DNA ≈213⊳ Homo sapien <400× 625 ttogagasca tttttaataa ataatgigad aaaattactt ttotgattat tggattttoa 60 gtatgcassa ttatggctas asstaagggg obtottacat gascataatg assucattas 120 160 tracatggat tytteertta gtactgearg cettttetat ggaacttttt caasttatet 240 aastgaacsa gittiggittii gglgaacacc agootiittii titgiggito agiilligiit ggettigtet tecaetgggg teogacetga tacttateta tetatgaata aatgtacatt 300 360 tttttttta astagoecca athateaset ceetgelatt cateesalge cessesegge tratogazat etaetagtes gagggestes titgtessit gassgessigt astgeetets 41:Ù 459 tragagatit taaggaseto tigtaggitt ogecatigg k2105 026 <211> 958 <2125 DNA <213> Homo sapien 4400> 626 cotgatgatt gttbtasaca gtegasaggg ttcagctaag aactacagto cactetcago 60 cotytoatyt actalaggar aagtottoat toacaacaaa tyyatagosa caccaatoto 120 180 gtaacactgg gasaactges tacastaltt agaaggaaca etsatacaye agaalelgea 240 cacaacggag towaagatet gaggocaaat octactacae thtacgaett tgagttgyte acttiticiga accttagott (ticcatcagi gitaaaactga tytaaaataa tataaaguta 300 360 tatgazagot gatgtgattt acttgtgaza tagtatgtgo aaaaggactt tgtaasatgt 420 esagoactat gotggtfelt gigaletoig agaletitti asagilgdae tidamitdaa 458 caagcattom titagagica igigemagge acigiget

```
c210> 627
      42115 393
      acias DNA
      a213a ното вараял
      \epsilon.220\,s
      e221> misc_feature
      < (1) ... (393)</pre>
      6223 \times n = A, T, C \text{ or } G
      <4Q0> 627
                                                                          60
costnogase geacteaggs ggtggtttgt tetggatges gasaccagsg stetagttte
taliccacaca gaegggaatg aacagetete tgtgatgege taeteaatag atggtaeett
                                                                         120
congectate gestorcate acasettrat tracetetat gragitetore sasaiggsag
                                                                         180
aaaatatago agatatggaa ggtgcartgg acattecago tacatcacac accttgactg
                                                                         240
gtorddagid awcaegtata teatgidiaa dioqqgagad teigaestai igbackggge
                                                                         300
estircaasi ggetgesase taatesggaa tegateggat igtaaggara titgatigga
                                                                         360
                                                                         393
cogadatata odiglioggot aggacticca gga
      22105 628
      <211> 233
      -217 » DNA
      <213 > Homo sapiem
      ~220×
      #121> misc_feature
      <122> (1) ... (233).
      2223 n = A,T,C or G
      <4005 628
ctggatttat aaaatagttg aatgacaaaa gaagontytt ttgacagtan aaaaaagaca
                                                                          60
ttatggacaa aatatgcaaa atgtgcaaag aaaaaataaa tttgcattag aaaggtgggc
                                                                         120
attigateto tgagecotgi godalętako altegodalet tellibeacie ilektigaki
                                                                         180
                                                                         233
gtigtaccco anecetigae teiggaetta aggesageta igaetggett igg
      t210> 629
      <311> 450
      :212> DNA
      ×213⊳ Homp sapie⊓
      <2200 €
      <221> misc_feature
      <222» (1)...(450)
      <323> n = A,T,C or G
       <400> 629
                                                                          60
conggaceet atagycagge geaggaeeta eegggtatto aattaggaaa agaggaagto
                                                                          120
aaattgtood tgtttgcaga tgacatgatt gtatatetag aadaccocdt tgeotcaged
casaatktoo ttaagotgat aagoaactoo agoaaagtog caggatacaa aatoaatgga
                                                                          160
                                                                          240
cacazateae adacattett atacacedat dacagarada cagaggreda atedegagto
                                                                          300
gametetatu ocaattyott teaagaaaat (aasataeet agggaleesa ettaesaggg
acatgaagga cotottoaag gaganactad aaaccaptgo toaatganat aaaagaggat
                                                                          360
acesagaast ggaaqsacat tocatgotos tigglagott gatggggatg gcattgaato
                                                                          420
                                                                          450
```

tataaattan ottogggeagt abggaeetea

<210> 630 <211> 486 <212> DNA

```
€2135 Home sapien
      44162 450
octactatgg gigitamatt tittactoic totacmaggi titticotag igiocamaga
                                                                        60
getgtteete titggaetaa eagttaaatt tacaagggga titagagggt tetgigggca
                                                                        120
aetttaangt tgaactaaga ttotatettg gacaaccage tatcaecage eteggtaggt
                                                                        130
tiglegente tanciatasa tellecesel stilligetse stagaegggt gigelettit
                                                                        24D
agotystett aggtagetog totygttteg ggggtettag etttygetet eettgeaaag
                                                                        300
ttatttetag ttaatteatt atgeagaagg tataggggtt agteettget atattatget
                                                                        360
tggttataat ettecatott toocttgegg tactatatot attgegedag gtetcaattt
                                                                        420
ctatogocta tactitatti gggtaaatgg tiiggctaag giigiciggt agtaaggigg
                                                                        480
                                                                        486
ağlığığı,
      <210> 631
      <211> 211
      <212> DNA
      2213× Apmo sapien
      <400> 631
tttacatada tattatacta geatttacca teteaettet aggaatacta giatategei
                                                                         €û
cacaceteat atoeteecta etatgeetag aaggaataat actateactg ticattatag
                                                                        120
otactoreat ascortosso moccartoco terragorea farigigoet attycostac
                                                                        180
                                                                        211
tagtottigo egectgegat geageggtag g
      <210> 632
      <211> 293
      <213> DNA
      22132 Homo sapien
      <220>
      <2215 misc_feature
      <2225 (1)...(293)
      <223 n = A, T, C or G
       <400× 632
cagogoaagt aggustasaa gaogotastt seestatat agaagagstt atsacsttts
                                                                         £0.
atgatearge reteatagte attitienti ateigetten tagierigia igenettite
                                                                        120
ctaadactoa caacaaaact aactealack eacatotoag ecycloagga aatagaaaco
                                                                        180
                                                                        240
giolgaacta ngotgorege calcalecta gioeteateg cerioceate estacquate
                                                                        293
 cuttecates cagacgaggt chacgatoco tocobtados tossatosat tyg
       <210> 633
       <2115 263
       <212> DNA
       <213> Homo Bapien
       <220>
       #221s misc_feature
       2222 \times (1) \dots (263)
       <223× n - A,T,C or C
       <400% 633
```

205

```
nggtotgeag tgtocctttt tatatostgo tagtgttgag acatacttga ctascttggg
                                                                        € D
                                                                       120
aucaget. Que tatategaca acceptomate tampamate amongottet geoccompag.
                                                                       180
tocaagtgas officatog agtgosgaat ofcasatgga caasatectt igtottitta
                                                                       240
astactgame attnamentat tegtactatg actgamaget tetteminge temmengete
                                                                       263
tgcatcaaac tcaattcagg agg
      <210× 634
      <211> 491
      <P12> DNA
      <213> Romo Sapien
      <400× 634
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                                                                        60
                                                                       120
gotytteete ittgysetsa cagitaasti tyeaagygga titagágygi teigtyggea
watttaaagt tgaactaaga ttotatottg gacaaccago tatcaccagg ctoggtaggt
                                                                       180
tiglegeete taeetataaa tetteeeset sittigetae atagaegggi gigetettit
                                                                       240
agetyttett äggtägeteg tetgyttteg ggggtettag efttggetet eettgesaag
                                                                       300
                                                                       360
ttatttotag ttaattoatt atgoagaagg tataggggtt agtoottgot atattatgot
                                                                       420
tygttataat tittestett teeettgegy taetatatet attgegeeag gtiteaatti
ctatogecta tacticatit gggtaaatgg tittggctaag gctgtetggt agtaaggtgg
                                                                       100
                                                                       491
agtgegtitg g
      <210> 635 1
      <011> 070
      42125 DMA
      ≥213× Homo sapiem
      <400 € 635
                                                                        60
ocaattgatt tgatggtaag ggagggateg ttgacetegt etgttatgta aaggatgegt
                                                                        120
agggatggga gggcgatgag gactaggatg atggcgggca ggatagttca gacggtttct
atticotyag cytotymyat ettaytatta ettaettite tigigagigt täggaamase
                                                                       180
                                                                       240
gcatacagga otaggaagda gataaggaaa atgactatga gggdgtgatd atgaaaggtg
                                                                        370
atsagotott otalgatagg ggaagtagog
      <210× 636
      <2115 383
      <Ill> DNA
      <213 > Homo sapien
      <400≥ 636
                                                                        60
cotactatgg grgttmaatt tittactete tetacaaggt titticetag igtesaamga
                                                                        120
gctgttente tttggectaa cegttaaatt tecaagggga tttagagggt tetgtgtggca
                                                                       180
aatttaaagt tgaactaaga tictatotig gacaaccago taicaccagg cloggtaggt
tiglicgnote tacchataea tottoccact ettitigetae alagaegggt gigetellit.
                                                                       240
                                                                       300
agetgttett aggtageteg tetggttteg ggggtettag etttggetet eettgealag
                                                                       360
tracticing treatmour arguageage caregogold agrocticit statistics
                                                                       383
tagttataat titteatett tee
      <210× 637
      <211> 537
      <212> DNA
      <213> Homo sapien
      <.220>
      <221> misc_feature
```

<222> (1)...(537)

206

<2235 n = A,T,C or G €400≥ 637 tittaatoot gaggiatata igoagnacit taaatigdaa agicticogg godiatitiid €D. CARRY STREET STATES OF CONTROL OF gagotggtto thouthour cosathatth bostatgaas goscobscas bhagochyth 120 agreetatic agatacatea aatatoagig aatgetitae tattegeaca titaagcate 240 tttgttttan steesstrag agtatgassa cosgtgttca attititato ttgttgagot 300 360 tgtaaaatgo cagraattta aaactaggan tittooccon ataagccaag gaggtagaat tactaataca aggyttaaag aaggtagatt tigittitaa taliigggia alaliagaaa 420 480 gattetteee acaqqqaaqa actagcaagt gtoccaattt tittecaaacg tigggggggg 537 gasaattoan igistoatga aaccotsagg gittigngign actionigel tittagg k210> 630 <211> 445 cilias DNA ₹213> Homo sapien <320× <101> misc_feature <2225 (1),...(445). 4223 > n = A, T, C or G=400× 638 reageagase acagnagiga titiggieerg titigiteees agiggggtat ciateetigi & U geagggeaca agectacatg gtggetetgg teatateatt agaaaataga cagaaatggg 120 180 otyczcacna gastymatym attomattym mayygagosy tymtyytycz mammamaca 2411 aqticaattoa tittaqaotqq taqaaccaga accaetqtqt agtiscatoca aacqqttaaa athorotyga agatybiaca taatoobalo atgytyttia bitatyysaa totattttaa: 300 360 amathitate tamiacigos cagnetgitt geatgaiges tigiacgias impemments ghasafacht totgsatgss ctagtatagt attiteatta gotsghotte gigtaciggi 420 445 acaaaagaac aqtqtCatCt taCag 2010× 639 <211> 564 <2012 - DNA <213> Homo Bapien <400> 639 gottgegtat totatagtyt cacotasets gottgycyta atcatyytoa tagotyttto 60 ctgtgtgaaa ttgttatoog otdacaatte dadacaacat acgageegga ageataaagt 120 вып. gtaxagoctg gggtgoctea tgegtgagot sactoscatt esttgcgttg cgctcactgo 240 cogettteca gtegggwaar etgtegtgee agetgeatta atgaategge ewwegegegg ggagaggogg titgogtatt gggogotott cogottooto gotoactgad togotgogot 300 360 oggtogtteg gotgoggega geggtatoag eteactoasa ggoggtaata eggttabeda 420 cagaatcaqy ggataacqca qyaaaagaaca tgtyaqcaaa aggotagcaa aaggccagga accytaasas ggeegegity etggegitti tedatagget eegeceect gaegageate 430 acasaaaton acgotosagt caagaggtgg egaasoeega caggaetata asgataceag 540 584 gegitteeen eiggaagete ootegigege teleeigite egac e210> 640 <2115 404

<212> DNA

<213> Homo sapien

```
<400× 640
onataggaan geacteagge aggiggitig ticiggatge agasancaga gaintagitt
                                                                         60
ctatocarac agmogggast gascagotot otgtgatgog ctactomate getggtacol
                                                                        320
tretggetgt aggatetest gaeaaettta titaeeteta tgtagtetet gaaaatggaa
                                                                        130
geasstateg gayatelogs eggtgdactg gedethodag ctedetosde decottgact
                                                                        240
ggteercago caacaagtat ataatgteta actegggaga etatgaaata ttgtactggg
                                                                        300
acattoceae togotoceae otaatoagga allogatogga tligtaaggad altgattigga
                                                                        360
                                                                        404
egacatatae etgigigeta ggatticaag tattiggigt etgg
      <210> 641
      <211> 128
      <212> DNA
      «213» Homo sapien
      <220×
      <221> misc_fcature
      <222> (1)...(138)
      -0.23 \times n - A, T, C \text{ or } C
      <400 641.
ctgtgacogg aacattacet gaagtgcagg gtggttacet gcacaaagte ccatttecaa
                                                                         60
aaatttolgt gtaattosoo ageaatttig gatggaalea Utageeeaee easeageggt
                                                                        120
                                                                        138
taasaontgi sactosaa
      2010s 642
      <211> 381
      ezile DNA
      ≥313× Homo sepien
      <220 >
      <221> masc_feature
      *2225 {1}...(381}
      <223> n - A,T,C or G
      <400> 642
ctgtaggtgg aattittacc cagaaaagst aggceetaga ageeteatti ettiteteea
                                                                        120
tyysasagga caqcoctocg otgoagogtt caacttytyt etttmotyxc agagtymact
                                                                        180
acagesatag ettitettee teaeggggat igitetarat tiigeagita tiittiaata
asactgaatu atgitigigia ligigoliloo taataggasa tecattaliig geoligiittii
                                                                        240
                                                                        300
gtaacateet gittatigea aatagetagi ategiteaaa aacigiataa aataettiig
                                                                        360
tacatalise castylchee titytetacs citicayiles etitocciae eecityeesq
                                                                        381
gggaeettgt anaaattasa a
      <210> 643
      <013.> 403
      <212> DMA
      <213> Homo sapien
      <400> 643
cottoctaam aamtagtggt gagetggagg chacttoogc ottottagog totggtoaga
                                                                         EQ
gagotgatga atatoccatt tagtoccaac aagatgacat agatttgcaa aaagatgatg
                                                                         120
aggataccag agaggeatty gicaaaaaat tiggigotea gaatytagot oggaggatty
                                                                         180
autttogass gametastty gosagatmat gagammagam maangtomty stasstsass
                                                                        240
tggttaaaaa aaattgtgac caatgaartt tagagagtte tigcattgga actggeactt
                                                                         300
```

```
360
attitutgas categorget girgororgi gagbudtaga tirrigrago daagoagagt
                                                                        403
tgtagagggg gabsakkaga aaagaaattg gatgtattta cag
      <210> €44
      <211> 688
       225 DWA
      ≂213⊳ ∦ბლი ნბე160
      <2205
      <221, misc feature
      < 222 \times (1) \dots (688)
      <223> n = A,T,C or G
      <400> 644
optational, lightingger olygacotte optaalcada athabatillo thtallicity
                                                                         €5Û
                                                                        120
octitgagoa ytitoattia tottigigga cagagaagai taaataigaa attoagtoca
gtoattttgo tactggttag otttagtttg aggcaagtaa aaatttttga ttaaaattag
                                                                        100
tetottaana teatgeoott gotttaccaa ataatoaaat tygotaasaa ataayyytat
                                                                        240
gtaacttige attitgaaga acaaaccaat aattitteat gageeetaet egatettett
                                                                        300
taaagaagad ottootaaga gadaabtaagg gabgagtttg atbaatgoga aabagobuta
                                                                        360
ggttagatta tittawatto catacaccaa gigatitaac cacagiggca giggcageti
                                                                        420
otgascogud aegtetgeed etdacttase esttasaaga tgot(setaa tasectouta -
                                                                        420
attitoatta agodaatotg taxtidagaa gaaaxgoata tgiotgodxi gggadiattg
                                                                        540
cagingegict chaicaging taacacagna gagatainth attitainin taintetag
                                                                        600
tttgggatat gtggtagtaa gaacatgtca agagtgettt terteaaace tgncagetea
                                                                        660
                                                                        6B8
actgangaaa gacaggtact tocattgo
      -210> 645
      <2115 484
      <2105 IMA
      -213> Nomo sapien
      a220≥.
      ~221> misc feature
      <222> (1)...(484)
      <223> n=A,T,C or G
      <400> 645
                                                                          \epsilon_{\rm D}
ccapatytyt otoczycoca casttocagy tygoagagog agotototat tastygaata
atgaatacat catgagttta atcagtgaca acgcagogax gattetgeco atcatgttte
                                                                         120
cttootrgta cogosactoa sagaccoatt ggascaagac astacatggo tigatataca
                                                                         180
                                                                         240
acycoctyda getotteaty gayatgaaco aaaagetatt tyatgaetyt acaeaacagt
                                                                         300
tossagosga gasactaasa gagaagotaa saatgaaaga aogggaagaa goatgggtta
                                                                         360
aastagasaa tetageedaa goommideen aggmaetaan aaagaganta meatgmaame
                                                                         420
gcccaggglt actigaatgi tillataaga taggaalata tgtcltcacc atgggggggg
                                                                         460
gtotoggatt toactaacgt tytatatyaa aatgggtgon ataaaaagta ottitaaact
                                                                         484
ttgt
       <210× 646
       <211> 447
       <212> DNA
       <213> Homo sapiem
       ×120>
       22215 misc feature
```

<2225 (1),,,(447)

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      <400> 646
gggtogogtt gaacaacttg gttommgatg gtgggggemt tittmgmgeg gemminatig
                                                                      60
esaaaaaagg cgasctctgc cttggegegg tagetgetee geaataaaaa ggtglttata
                                                                     120
                                                                    180
actattitigt attataaagt gegeettaga gataggaaga agaatgatgg atteettiig
gatrastreg esaggaesre rgesagasaa gtreggeegg tagagegegs eesagggagg
                                                                    240
gabggagaaa gaatgggaat ammatamgga ggtamgagat acthittig cigagcmacc
                                                                    300
                                                                    360
agtglightir aggatgatad saagssaast alagastags sataagtgds ggdttggsat
                                                                     920
447
tgtgtgtttg teaestgtgt atgtccc
     <210> 647
      <211 > 388
      <T112> DNA
      <213 - Romo sepien
      <4005 647
gaaggtgata taaaatgact gtoatoattt ggagtgtgow gtacagttwo ttoatgttoo
                                                                      5 Ü
                                                                     120
traggettag aaraatttee eetgeaagtt etracacaga taggeagaaa teataactaa
                                                                     180
ttttggttaa toactatggo ägoogitgaa gaatttäägä gääcetgeeä giaagatttg
                                                                     240
qaataaqatt otatattatt gostocacag aaaagaatgt actgatatec tataaactot
                                                                     300
aggagassad theattgasa tagtgttett aagtgtigas agtaccataa asatataagg
gaaaabaago titoobagaa titittoagig tiotagtiit taaacagiga tyittittat
                                                                     360
                                                                     388
taacctatti catchattca asgacagg
     <2105 648
      <311> 632
      <2125 DNA
      <213> Homo saptem
      <220×
      <021> misc_feature
      <222× (1)...(632)
      <023> n = A, T, C or G
      c400x 648
                                                                      60
cetagetaga entitaacet acantittaa atnacteaca gaagataaaa caaaaaaaa
                                                                     120
agtgaaggaa aaggtcaaac etgttttaag ggcaacetge etttgttetg sattggtett
                                                                     180
asgandatta congetodag gittamattg itcongtitem igcagiteda alayetgate
                                                                     240
attgttgaga tgaggacasa atcotttgto otcactagit tgotttacat titttgasaag
                                                                     300
tattutttt gecomegege timecametm macetteigt taggemagam tggamttlmt
                                                                    360
taaghgaato agigtgacoo tichighdat aagattaidi taaagdigaa godaaaatai
                                                                     420
qetteamaag aagaggaett tattgttemt tgtagttemt acatteamag catCt9mmCt
                                                                    460
gtagitteta tagcaageda attacateda taagiggaga aggaastaga tagaigidaa
                                                                    540
agnatgattg gtggagggag caaggttgaa gataatetgg ggttgaaatt ttetagttmt
                                                                    600
cattocytac attiticaget agacatcage titigasatat teatgitacc toctcaatgg
                                                                     632
ggtggtatea garetgeerg ggeggnegnn te
      <210> 649
      <2115 300
      <212> DNA
```

<213> Homo sapien

<120×

<201> misc_feature <122> (1)...(300)

```
<200> n = A,T,C or G
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                                                                        GT
artattggta accaettrat tittaaaagco catcaatlita attictggig gigcagaagt
                                                                       120
                                                                       180
tagaaggtaa agottgagaa gatgagggtg titaogtaga ccagaaccaa titagaagaa
tactigaago tagaagggga agitegitaa aaaicacato aaaaagctac taaaaggact
                                                                       240
                                                                       300
ggtgtaatti aasaaasact aaggosgaag gotttggasg agttagsaga atttggaagg
      ≥210≥ 650
      ₹2105 498
      -2129 DNA
      <213% Homo sapien
      5220×
      enats misc_feature
      2225 (1)...(498)
      <223 in = A,T,C on G
      -400 \times 650
ngtmetgmta aacagaagge tacaangece ttetegettt aageagteat aggaatgtga
                                                                        60
cagacattee tettagggag egectectee tagggtttee teatetgtet eacactgagt
                                                                        120
ggatgtaatg cuattitaat ootgolgtgq occorsalac taptactigt coatauctic
                                                                        180
ttgeattitt agegictget eigiggggit gitaggeret ggeacteeca ggaactagig
                                                                        240
                                                                        300
ctamagetçe atetintetet coectetagg gategataaa gittemetige agaşagiete
caetgegyta tgetgacate tgecetgade ettemeeeta cageattacm ggetttaate
                                                                        360
                                                                        420
agattotgot ggaaagadad aggotgated angtgadete ttotgodtte actgggdtgg
                                                                        480
ggtgatettt ggtgocttig tittcoacaag goottitoot goodcoteed itgocaaaga
                                                                        198
catttaatta gcacacag
      4210× 651
      <211x 654
      <212> DNA
      ≥113> Homo sapien
      F1110>
      <221> misc_feature
      *202> (1)...(654)
      <223 on - A,T,C on G
      <400> 651
otgagggtee ceaggtttot aaagetetea ggaegagaaa gtaggteeea agataaggag
                                                                         60
cotamaggo tittitotti olgigistic ottotiggod tomamosigg gimcagicad
                                                                        120
aagagcatgt aacogagaag aaggactana ootaccattt totggataaa gaattggaaa
                                                                        130
gaggatorac agghascosa amagtarcag ggasatggra gayaaggaam acctosygag
                                                                        040
                                                                        300
accaacetea taagtygtat ttattagnge otggyeteaa atecaaatty tacatgaata
                                                                        360
tototogetoc tagatagogt accessagact tigaaagtga attitegiat atcattecou
agattocaga otggmtatig igigadadaa databaggat ataicigaat agigeteaga
                                                                        420
                                                                        480
agagtttysä aatgoasaty atattaasat aaagatgata aagagaaaago tggtcagaad
tigiggacai saccottoig gaicigingo olgatiassa astægligai allologasi
                                                                        540
                                                                        600
gamicasaac asysttuaga gactgaqdat ggtaydtnet tologtaato daacnoottg
                                                                        654
ggagggesag graanagaat tgettgegge caggsgtttt gegaecaget tggg
```

```
∘210> 652
      <2115 293
      <212> DNA
      <2135 Homo sapien
      <220>
      <221> misc_feature
      <222> (1)...(293)
      <223 » n = A,T,C or G
      <400> 652
ngtolgtigo actgaggtga ctaaggatac attitgagga aglagoloca agaacatoto-
                                                                         60
cattiticaet gigoettoae atxoatetaa tygaxxigaa cagexceett catecateca
                                                                        120
eggaayegat taagaaaagg gtgggatgga aaaattaacc caacaatatt agatcaatac
                                                                        180
gtegtettta agngtocata akgtgocagg olgaagatgo acgggaaaso cscacbagoo
                                                                        240
ggtetgteaa gggettgaga ataceataaa caagaaaaaa gaegaaccaa tit
                                                                        293
     <210> 653
      <211> 794
      <212% DNA
      < Homo eapien</pre>
      <120×
      <221> misc_feature
      <222> (1)...(294)
      <0.23 > B = A, T, C or G
      -400 > 653
ngtopaccar typagocota catacagtty assessestt coattotytt sacattigtt.
                                                                        ΕÜ
ttatmagttt teaegemata eacamaaaac eestetgome ttettgtamm gamaaamma
                                                                        110
gatacacaac aghtaagegt aaagateaca ggematagem ticaameatg gaigigggim
                                                                        180
gagamageay tacetygeat gagtacetyc ttagtttgae tyaateetty attittaatt
                                                                        24 D
                                                                        254
togettitea toggeogete acaacactaa egetototoa gotatostay teas
      4210× 654
      e2115 250
      4212 - DNA
      <213% Homo sapien
      <4005 654
                                                                        £Û
ctylocttya acaagtatoa atytytttat gaaaggaaga totaasboag acaggagtty
                                                                        120
gtotacatag tagtaatoca ttgttggaat ggaaccottg ctatagtagt gacaaagtga
                                                                        180
asqqaaatti aggaggcata ggccattica ggcagcataa gtaatctcci gtocttiggc
agaagotoot ttagattggg atagattooa aataaagaat otagaaatag gagaagattt
                                                                        240
                                                                        250
aattatgagg
      <210> 655
      < 211 > 494
      <2125 DNA
      <213× Homo sapiem
      <480» 655
coattataat ittetaacee cattacoott teaattotac ogattataag cegrataase
                                                                         60
gtaactatat asagcaaaca tegraaagga actetgeagg agetettaat teetttatgt
                                                                        120
```

```
agoletoata azattoacti tootgaagad atthactoto ettoacttoo aasotoosaa
                                                                                                                                               190
cetttttetg gtagcaccae tittgttttt aatagaaaga tgagtteata tetgtacate
                                                                                                                                               240
                                                                                                                                               300
totocasago totaaqqaat gagaaaagga tootagtata tigaaattao tigatifittaa
                                                                                                                                               360
tacctotype thitcactae asyccottin stathittae agicomasct typestacky
gtatttataa ggaatotoos tgaototgaa ggaatgsaat tgatgtaggt agotttggot
                                                                                                                                               420
partition of an area to the contract and the contract of the c
                                                                                                                                               480
                                                                                                                                               494
atttgactem gcag
            <210> €56
            <111> 477
            <217 DNA
            <113> Homo sapien
            ₹400> 656
                                                                                                                                                 60
coogthacty tacatattyc tagcaygaya caactyyaaa tactaaacaa atactyyaat
teacattaca gadagacgaa accaacatog algocacada taactteert tgtagtttea
                                                                                                                                               120
cagagggeet atttgtggtt geteaggtgg ggteatacat tgcttgeaga aatggeetga
                                                                                                                                               160
toatagorot atgessisst gastrogges tyssshotts costgadado tototgtagg
                                                                                                                                               240
                                                                                                                                               300
aaaqaaatqt tgettesegt gtgetaagtt gagataataa tattteacat atttatatat
agagsatcan totosaatti sacoosagat aagosatagg attigggggt gacitgiaca
                                                                                                                                               360
cattletave aveaettite tittitetag aggicaetet caaacaetga tatateaeta
                                                                                                                                               420
tagtttgagt gtagggatto agtaatcaaa ggttgttatt gcaaaagago caggcag
                                                                                                                                               477
            -2105 657
            <211> 576
            <212 - DNA
            <213> Home sapien
            <2200×
            abble misc feature
            <2225 (1)... (576).
            <223> n = A,T,C or G
            <400× 657 ×
cototacito tamatoseta tittitetasa gacaatiigg igittigasg sikasigies
                                                                                                                                                 60
tragtoratg ataatagost dataggadaa tragodatti tagadtigad datattiidt .
                                                                                                                                               120
ottittagoa tabagodato tigatatita ggigggagao tadicdaaig gagdaadagu 👉
                                                                                                                                               180
                                                                                                                                               240
ticattitae atgattggat tiagasatti acasattita sacteataag aattetaaat
aattigaasa iggaaacatt igacccacag ictagcagca taaatacati tataaaatac
                                                                                                                                               300
                                                                                                                                               360
tteattetty atottaggte attgatttam aacagaatti ggtgavtatg 9908994994
gggggccagt gaggaaggta taasagagaa atotttatga attgtgttta gattgatttt
                                                                                                                                               420
grataaacat aatatattoa tygitgiato tottattiat aatacccaac teacatgaag
                                                                                                                                               480
gtggtocaag ggaaggatca atattttaaa taacatattt gottaaaata toatacagtg
                                                                                                                                               54Ü
                                                                                                                                               576
götgetteat määämmiett miammetitt attacc
            <210> 656
            <211> 344
             <213> DNA
             <213> Home sapien
            <720>
            <2015 misc_feature
            <722s (1),,,(344)
            \langle 223 \rangle m = A,T,C or G
```

```
<400≥ 658
                                                                          60
cotyphamaga magnigotot taiggments tychtyttää gädtätytöt toacatoata
                                                                         120
gtgraaatra cetgteccce atgactoogy ctitgacara acacritace atcatcatgo
                                                                         180
catestequet tecacamage attacaecte etaccagae attacteete ectocaecet
                                                                         24 ft.
tqttaqatqt tcatqaaatg tgaccacctc tcaatcacct ttgagggcta aagagtagca
catcassage actomassat constances actottases gattletect egtacticas
                                                                         300
aaaqaatttt catqaqtqtt ottaattggo tggaaaagca ccag
                                                                         344
      <210× 659
      <211> 230
      <212> DNA
      <213> Homo sapien
      <4005 659
                                                                          60
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atgggcaacg tatactcgaa ogtacgcaga gaagagagta oggttagcto taatatttot
                                                                         120
                                                                         180
cattgaactt ggtggtatyt goetheectg Gataraagge Catagtgett tittgggage
                                                                         230
gotagaatat coatocacti garagtgard adaaaatagg cigiticoag
      <210× 660
      <211: 80
      <212> DNA
      <213> Nome sapien
      ~400× 660
                                                                          €0
stagtestty tieaastoya teassactit ggadagatog asiggagget sotgggtgtt.
                                                                          80
etgaggggee tgggggaeag
      <210 > 661
      -211- 535
      <312 - DNA
      ≠213> Homo sapien
      <220 >
      *221 * misc festure
      <222» (1)...(535)
      *223 \times n \rightarrow A, T, C \text{ or } G
      <400> 661
                                                                          БŪ
cigaaccata icigatiaac iciiiggici cigitatigg aacaaaaccg acgctaigce
tgeageeger agnetgease caassacars gtttggggte agaagaustt assasteads
                                                                         120
                                                                         180
ataaaatagy atgastytto taegtosogo aectgaatoa aggosootti ittittoaaa
                                                                         240
ageanaaagt tgtttaleaa tatteeagaa tagtagatae tteaaaaace agatta0agt
                                                                        300
etatetoaki tigoigoada iibtagiota tübkotgiat edategidad adaikottia.
                                                                         360
rectitecea actiatoral gottiatece escapteaty tysiatglay ytalaaaaaa
                                                                        430
atasegtigt atcheascas gigathiase aseassaact aecgesigco nonalnataa.
                                                                        480
coetgaactt gttbeectot tgaaggacat tggaaatgtt accgaggttn ofttacctng
                                                                        535
quegoaacem chotangged haatbooage heartgaggg degttactag gggat
      <210> 662
      <211> 257
      <212> DNA
      <213≥ Homo sapien
      <400> 662
```

```
detgactasa gezestates esoteectae acticestat titetetecc sigigasecc
                                                                        60
totgatgoat atcasgatto asgogeotgt tgtageoett beesbagtob tbacatttgt
                                                                       120
atggettete tacactgiga actititech geactitaga gastgastic ighacaatgi
                                                                       100
tettrecatg etgeteaeat tigagaggig titritetget giggegietr igaigggiea
                                                                       240
                                                                       257
qaçqagttga qqaccay
      ≥2105 €63
      <211> 516
      <3125 INA
      <213s Homo Bapien
      <220%
      ~2215 misc_feature
      <222>(1)...(515)
      <223> n=A_{s}T_{s}C or G
      <400× 663
constituteg grattitatt tittamagat tagagngite ilgangetet tietattiet
                                                                        60
tigicaaiga actamacatt ggcmaataig tagggittee emembagaa catimitame
                                                                       120
                                                                       190
abcaseatag saagciggtg gtegasatas tgattgggas cacagagtot otactcagog
trotaction gecatacest ascritigigs totosogeas telefores igitoreste
                                                                       240
octatghata gitchgicat tittcaataa gagciittig citaattaig aagtactagt
                                                                       300
                                                                       360
tautataaco attattttyä gottoatytä ääteäägään ädatygaoto osottyeäää
acattgassa tgtagttagg gattgggggd aasaagdaad attttaasat gtgtsaagad
                                                                       420
aalgagtaag cascaeagty todestitit taggogeaag litgcetatgi ceggaeaagg
                                                                       480
                                                                       516
caggattaag taatagagaa tiigaaigat aacigg
      <210> 664
      <211> 212
      e210s DNA
      a2135 Homo Bapien
      <400× 664
gtoogaggag gttagttgtg gcaataaaas tgattaagga tactagtata agagatcagg
                                                                         60
                                                                        120
trogreetti agtettetet atgestatoa terettitea gettaetti attaetoatt
gttgggtggt aattagtogg ttgttgatga gatatttgga ggtggggato aatagagggg
                                                                        180
                                                                        212
gaaatagmat patdagtadt goggogggta gg
      -210× 665
      <211> 408
      <212> DNA
       <2135 Homo sapiem
      <220≥
       <2215 misc feature
       <2225 (1)... (408).
       .223> b = A,T,C on G
       <400× 665
                                                                         ΕÛ
atocaggggt necegginge igengggaaa detocageet igitetteaa accaetoage
toxtgtgttt tgcgctgact agtactgaat aatacaacca ctcttattta atgttagtat
                                                                        120
                                                                        180
 tatttatttg pewseteagt gtetaacage tigatatgea ggteettgea teetacattt
                                                                        240
cuttaggasg thaccoattt gtaectttaa aaaceggase satatcagtt ggcesatgca
                                                                        300
 atottititt ittilaagot aaaggggggg naacngnaan naaaaintii nigangingg
                                                                        360
gtotateago accottgang ggatnigita easgngnost naanggggga tiotonitin
```

```
gcasaaasat mbaannatos atttatanan etttattitt nactitni
                                                                       408
      <210× 666
      <2115 635
      k212s DNA
      <213> Homo sapion
      <200 >
      <221> misc_feature
      <202 = {1}...(635)
      <223% n = A,T,C or G
      <400× 666
etgaagnaca agggteagge aaaaataaga teacsateac caatgaccag aategeetga
                                                                         60
cacctganga mategmangg atgettmatg atgetgmena gittgetgmen gamagacama.
                                                                       120
agotosagga gogoattgat schagaaatg agttigaaag chatgochat tobolaaaga
                                                                       180
                                                                        240
atcagatteg agataaagaa wagetgyewé gtwaweette étetyawyat wagegagaeew
                                                                       3.00
tggaaaaagc tgtagaagaa aagattgaat ggctggaaag ccaccaagat gctgacattg
                                                                       350
aagaetteva agotaagaag aaggaaetgg aagaaattgt teaaceaatt ateageaaac
totatggaag tgeaggeeet cooccaactg gtgaagagga tacageagaa aaagatgagt
                                                                        920
tytagacant gatolyctay tyctytaata Utylaaatac tyysotosyy sactittyft
                                                                       480
agganaaaat tgaaagaact tanotetega atgtoattgg aatetteaco teocagtggo
                                                                        540
gthgasactg ctatagocta agenggetgt ttactgmhil meattageag gtgcicaeca
                                                                        600
tgtotttggg gtgggngggg ggagaæagaæ agæan
                                                                        635
      <210≥ 667
      <211 > 386
      2212> DNA
      <213> Homo sapies
      <400× 667
gaaggtgata taaaatgact gtcatcattt ggagtgtgca gtacagttac ttcatgttcc
                                                                        ЕÚ
toaggittag ambantitos poiglaagit otbacadaga laggoagaaa toalaactaa
                                                                       130
ttttggttaa toactatggo agoogttgaa gaatttaaga gaacctgoca gtaagatttg
                                                                       1 EO
                                                                       240
gestaagstt ctatettatt ycstocsoog saeegseigt actgetatec tetsaector.
                                                                       300
eggagamaac tiaattgama tagigtiati magigtigam agiaccaimm ammiatatmangg
geaseleago titoctages illuttoagig tictegillit taaacagiga igittitisi
                                                                       360
                                                                       388
taacctatti catecattea aagadagg
      <2105 A68
      <211> 498
      <212> DNA
      <213> Homo sapien
      <220×
      -321> misc Feature
      <222> (1)...(498).
      <223> n = A.T.C or G
      <400> 668
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                                                                        60
aaatgattet eagttageat titagtaaca etteaaaggt tittititgi tigititeta
                                                                       120
                                                                       180
geottaataa aagottagga ttaattagaa gaagcaatot agttaaattt cocatttgta
                                                                       240
tittatitto tigaatmeit tittoarage tattogitta aaaagattia aaaatoatlg
cactitiggic agaaqaataa taaatatato ttatgaatgi tigattooot tootigotat
                                                                       300
```

ttotaubdag tagatittig aaaaggotat agagtocsaa gaggaatitg tittogoott gitoitaata tgagatit	ggaatgttct	titecapcas	ticticcitt	aaasatnict	360 430 480 498
<211> 622 <211> DMA					
c013× Homo sapie	j ajt				
<400> 669					
pottagecaa agaatgcagt					60
ttaacsgcat saaasttsat					120
gatgteesta testüttigti					180
tataaagudt tgydaaaada	grattactat	gaagaggang	aactcaccta	permeagary	240 3 0 0
មិនកិច្ចមុខមានក្នុង កិច្ចមានក្នុងខេត្ត					360 360
cctgtaataa gctgagtgca					420
eagcactqCw gaqaaCaggg					430
ottigitosa ggiaacettg tagebetaea eigeatitgs	eeataaatt	tocccetttt	gaadagagaa	httetaebka	540
aatgtgettt ttotactgea					600
ttatgttcat ttgctcacag					622
<210> 670 <211> 477 <112> UNA <213> Homo sapid	∋1 7				
<000× 670					
thoggeoute tagatgeatg	ctogagoggd	cgccagtgtq	atgyateCct	gcagaattog	60
coettgaege bagggakggt	gatggatgag	дадсава в ас	tttatacgga	tgatgaagat	120
gatatobaca eggotestes					150
ccagtagaga agaasataga					240
atagseemss atgaacaaat					360
gaagaagate tteggaaaga					420
gectatttga aaaggttagt					477
ададаяянада сояссявад ер	restásámaa	coroctgact	Georgeeent	craccaş	211
<210> 671					
=211= 127					
<212 × DNA					
<213⊁ Homo sapi	90				
<400⊳ 671					
gtgtgtgtgt ctacttgggd					60
tgtgtgtgog ogtgtattte	agtttgggtt	geeggatees	atotgattgo	gtgeetgtgt	120
acctgag					127
<210> 673			•		
<211> 900					
<0105 DNA			•		
<213⊳ Homo sapi	₽π				
<400≽ 672					
gggtotgcad agetatgtta	acagoatoct	tataccagga	gtaggaggaa	agadadgadt.	60

ggasaagdaa ttcaagotgg tcacacagtg taatgcaaaa tatgtggaat gtttcagtgc tcagaasgag tgtaacaaag aaaagaacag aaactettca gttgtgccat ctgagcgtgc	190 130
togegtoggt ettgracest toccoggest gamaggasch gettacatta etgettetta	240
tateatggge tattatagga geastgaatt tattataact cageateete tgecaeatae	300
targaaagat ttrtggrgaa tgatttggga trataargsa ragatrattg tratgctgcc	360
agachaccag agettggcag aagatgagtt tgtgtaetgg	400
Tidanancoad radonoganas andasaasaasaa radaasaasaa	
<210× 673	
<211> 600	
<212 DNA	
(213) Homo sapien	
<220>	
<pre><221> misc_feature</pre>	
#272s (1)(600)	
<323 $\sim A_{c}T_{c}C$ or G	
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etggegttge teattagtga atgtatgada geaggatgtg aggggatged eaggagtdag	120
tgttageatt gtgetctgsg atgactgcts ttsstatgat ccattaettt attagtgagg	180
tteaetatat geagaetegg agataaggag asaatetgte acattetete tagetaatea gateagetae caattaatga gattetgaat gaastateaa tatgtgtttt tetaatttgg	240
addtaggada gagdigtigo tighoataga gaaaaacaat aatgottaaa datagdadat	300
tataattoaa graggittet racataritt traticiate ettiggataa tittgigagg	360
ascgcaggac accasoltoc ottocataga tacastcocc atgcta(lga tgaasgtgt)	420
tttgaatgaa goratooaac maataactga treaaagtggo attacaccaa matttettag	480
taggactect geatagaatg titagataga egigaaaagt tigiteanga ggaceageaa	540
gagagaadt gggttottig ggagggttto ggigotadat tiatacecin catcagagin	600
- Andadogeor Addersone addesses and another and an	
<2)10> 074	
<211> 140	
<2125 DNA	
<2135 Homo sapion	
400 254	
<400> 674 ggtggttggt gtaaatgagt gaggcaggag teegaggagg ttagttgtgg caataaaaat	60
gattaapgat actagtaraa gagatdaggt togtoottta grigttetgta tiggotardat	1201
ttgttttgag gttagtttga	140
,	
<210> 675	
<2115 245	
<3125 DNA	
<213% Homo Rapien	
405	
<400» 675 gttgggtggt tggtgtaaat gagtgaggoa gg@gtccgag gaggttagtt gtggcaataa	60
aastgattaa ggatactagt ataagagatc aggttcgtcc tttagtgttg tgtatggcta	120
teattighti tgaggitagi tigattagic attgitigggi qqtaattagi eqgitigitga	180
tgegetabirt ggaggtgggg etcastegay ggggaeatag aatgatnegt actgcggcgg	240
gtagg	245
<210× 676	
<211> 621	
- ማ 4 ማ _ን - ቸለያች	

<212> DNA

<213× Nomo sapien

<2205

```
<2215 miso_feature
      <2025 (1)...[621]
      <223s n = A, T, C or G
      <400× 676
                                                                          60
ctatecerag agnamatagt ngamitemme tangatetat tamiamgaig tempakana
                                                                         120
taataatiin attaggaase setoatgitt taaatitoaa aatgacacti attigicaag
                                                                         160
taatatqato tiggaaaatt itaaagaaaa ataatootao itataaaota otiitiitata.
attyttttca gaamammagt ttacagtott maggmaamma ttomggtota tostatygtt
                                                                         240
                                                                         300
tgacagatti titaaaaagit altiitggia aggietteti tiagasaaaa attaatetea
aggghttttt gtaccactat astotebast acttactcag asttactgbg battbactba
                                                                         360
                                                                         420
atttettatt atqtqcetta ttatgtgett asgatacast sggttsgagt ttastetsas
tatottgaaa gotatatigi gggottggta agoattitgi tittiotito totgittigg
                                                                         480
                                                                         540
taaggattis asauthitti cattgoaall tiaagiggti ticaataagi saisgittit
                                                                         600
atconattit tggtgottgg tgcagagacg gcgtggggaa gggtgnatgg tittgggaat
                                                                         621
aattoagtyd adsoctgygg g
      <210% 677
      <211> 210
     <212> DNA
      <213 - Bomo sapien
      <220×
      <221> miso_feature
     \times 222 \times (1) \dots (210)
      <2008 \times n = A, T, C \text{ or } G
      ∞4005 677
                                                                          60
tttacataan atattatoag catttaccat otcactteta ggaatactag tatategete
                                                                        . 120
scaccidata iccidectad baigectaga aggastasia etainacigi icatianage
tactetesta accetesaca eccaetecet éttageosat áttgtgeeta tigeéstact
                                                                         160
                                                                         210
aqtetttiges gestgegaag sageggtagg
      a210 = 678
      <211> 383
      <212a DNA
      <?li> Domo Bapien
      <220×
      <221 misc feature
      2222 \times (1) \dots (383)
      <223 s n \sim A,T,C or C
      <400> 678
gtaggagtica ggtagttagg gttaacgagg gtggtaagga tggggggaat tagggaagtd
                                                                           60
aggyttaggg tegyttatagt agtytnesty yttattagga samtesytme atsittysnn
                                                                          120
                                                                          180
asctgattas tgtttgggnm tgagbitmta tatcacagec amaattmiat gatgmaceat
                                                                          240
gtantgaaca atgotacagg gatgaatatt atggagaagt antotanttt gaagettagg
                                                                          300
gagagetyyg thgittgygt byngyetean byleagitee anatastaac tiellygist
                                                                          360
aggearatga atattgitgi ggggaanaga etgataataa aggiggatge gacaatggat
                                                                          3.93
tttacataat qqqqqtatba qtt.
```

<210> 679

```
<211> 371
      <212> DMA
      k210% Homo sepien
      <400× 679
                                                                        €0
aasatgassa tattgacaag agtitoagat agamaatgas saacaagota mgacaagtat
tggagaagta tagaagatag aaaaatataa agccaaaaat tggataaaat agcactgaaa
                                                                       120
aastgaggea attattggta accaatttat tittaasagce catesatita attictggtg
                                                                       180
gtgcagsagt tagaaggtaa agcttgagaa gatgagggtg tttacgtaga ccagaaccsa
                                                                       240
                                                                       300
tttagaagsa tacttgaago tägaägggga agttggttää ääättacätü ääääägttac
taaaaggact ggtgtaattt aaaaaaaact aaggcagaag gcttttggaa gagttagaag
                                                                       360
                                                                       371
aatttggaag g
      <010× 680
      <211 × 176
      clif > DNA
      <213> Romo sapieo
      ₹400× 680
cotaggattg tgggggcaat gaatgaagog aacagatttt ogttoatttt ggttotoagg
                                                                         60
                                                                        120
gtttqttata attitttatt Utratgggdt tiggtgaggg aggtaagigg tagtitgtgt
                                                                       176
ttaatattit tagitgggig algaggaata giglaaggag taigggggia altaig
      <210s 681
      <211 × 152
      <2005 IMA
      <113× Homo eapiem
      2400× 681
otggagatgg atatgagach agtcaagatg tgaatgchaa tiggagagaa atataattti
                                                                        , F.D
                                                                        120
aggaagatge acattgatgt ggggttttga tgtgtotgat tttgaotaot caagototgt
                                                                        152
ttacagaaga aaattgaatg grgagggtgt gg
      <210× 682
      <211> 140
      <212 DNA
      <213> Homo sapien
      5400× 682
ccagtgottg oftgoogtog titagtgatt gagtgitaga aatsaaaact caggiotatt
                                                                         60
tottaccagi cagidacaat tittagagaa igiactiggi atalaatata iggacticag
                                                                        120
                                                                        141
gaectttytt gggglggggg g
      c210> 683
      <211> 308
      <212 > DNA
      <213> Homo Bapien
      <400% 683
                                                                         60
coagcastgg tacagagtga gggtgttotg ctaatgactt cagagaagta titaagaaaa
acatagaaaa argtgtgogg agitttgonag aaatagatgg ottgagcaaa gagaragigi
                                                                        120
                                                                        180
tgageteaty gatageesaa tatgatgeea tttacagagg tgaagaggae ttgtgesaac
                                                                        240
agocaaatag aatggcocta agtgcagtgt ctgaacttat totgagcaag gaacaactot
                                                                        300
atgaaatgit teageagatt etyggtatea aaaaactaga acaccagete etttataatg
                                                                        308
catgtoag
```

```
<2105 €84
      <211> 297
      c2125 DNA
      <213: Homo sapien
      <400> 684
tggtattagg etteggatgt gtgaagtata gtarggatga gaaggttggg gaaragrtaa
                                                                        60
ataggtigit gitgattigg tiaasasata giagggygat gaigdiaata aitaggdigi
                                                                       120
gggtggttgt gttgattcaa attatgtgtt ttttggagag tcatgtcagt ggtagtaata
                                                                       180
teattetteg gacgattegt thragcally dagtaggett aggitatete collector
                                                                       240
                                                                       277
questatgtg tiggagatig agactagtag ggetagg
      <210% 685
      e2115 457
      <212 > DNA
      <213× Homo Bapien
      <220%
      <221> misc feature
      <2220 (1)...(957)
      <223 > = A,T,C or G
      <400% 685
etytygegin poetactiet eedaaaceto goaacecoot cedaqqacag toagtycoaa
                                                                        \in 0
agaascaggt egetgaaaac taaaatgtee acateeetaa etggesaeee acateaacee
                                                                        110
casaagette aagastcate taagatabtt cagatgetet atgaagaaat teaetttaac
                                                                       160
                                                                       240
acttataact graagactti geataeatta easeagigea ttagigatae sagiigibaaa
atacgthtcc attecthtag attitigeata tgatggttit geatcagtea etgeaggiag
                                                                       300
uttgagesag ettttigtgi tigittitti aandatgsat leaadtagat aigaiteaga
                                                                        360
atagattaat actocottti tatoaotada gitagotaaa aaatigodag goagtodada
                                                                       420
                                                                       4E7
asausgastt tydtttaags coaacocacs gagtcag
      <21,05 696
      <211> 234
      elles DNA
      <213× Homo sapion
      <7205
      <201> misc_festure
      <222x (1)...(234)
      <223 s n = A,T,C or G
      <400× 686
ntggatttet assategtty caetgacess ageagtatyt fitgacegte eaesaseger
                                                                        F.D
                                                                        120
attetggace aastatgcaa aatgtgcasa gaaaaaataa atttgcatta gaaaggtggg
                                                                        180
cattigatet eigagemeig igemaigtaa mattgemaig timitteami gitgittigaa
                                                                        234
tqttqtaccc caqccottga ctctggactt aaggcaagot atgactggct ttgg
      <210× 687
      <211> 315
      -211> DNA
      <213> Homo sapien
      <220×
```

```
<221: misc_feature
      <222× (1)...(315)
      <223% n = A,T,C or G
      <400> 687
                                                                          60
ungtetgtga aaaactottt ggatgattot godaaaaaagg tacttotgga aaaatacaaa
tatytyyaga attityytet aattyatyyt egecteacea tetytäeaat eteetytite
                                                                        120
titigecatag tygetitigat tigggattat algeacecet ticeagagte caaacecgit.
                                                                        180
tiggatitign gigicalate etatitigig algalygyga ticigaecat italaectea
                                                                         240
tataaggaga agagdatett tetegtgged cadaggaaag atdetadagg aatggateet
                                                                         300
gatgatattt ggcag
                                                                         315
      <210> 688
      2011× 522
      ellly DNA
      <213> Homo sapiem
      ∈220>
      <221> mied feature
      <0225 (1)...(522)
      \langle 2233 \rangle n = A,T,C or G
      <400> 688
chgaattaga ggaggagaaa ageagccatt noggegtect ttaattgttt egetgtgaga
                                                                          60
                                                                         120
geotgeatet tiggettame ateitaette toagaatoot exgaaaaaget titameuraag
qegeattiet aattetasaa ataacaacta etgitattia tigageacta teittittgit
                                                                        180
                                                                         240
gygtactgic baaagtactt gatttätttt ttsaascott acaaasaact (aCaaggtag
qtootgaaaq attoaqtaat tbgttoaaag toacacagca aataagcaac agactotgga
                                                                         3 0 0
                                                                         360
tttgaacrag gcastcctag agoctgtact gttagtaatt afactttagc acctgtcaag
eattootytt gegtgtoong aagcaancap chagttagga titanegcaa acatgattga
                                                                         42.0
agaatactyt ggtgtggtty acagtagtgd dtaagtetgt bilteagagtg aaaaabgada
                                                                        4.80
                                                                         522
sattagatti taagtaiggi iiggagataa talcaggaca gi
      <210× 689
      <2115 158
      :212: DNA
      <213> Homo sapien
      <220×
      <121> misc_feature
      <2225 (1)...().58)
      <223> n = A,T,C or G
      <400> 683
                                                                          60
totoaactia ninensiaco cacacecace casnaacagg giittyttägg näityttige
attaataaat taaageteea tagggtette tegtettget gtgteatgee egectettea
                                                                        120
                                                                        158
congresort astricacin uttamages adagacan
      <210> 690
      <211> 300
      <212> DNA
      <213> Homo sapien
      ₹220%
      <221> misc feature
```

<2225 (1) ... (300)

<223> n = A,T,C or G :400> 690 tagaactogt attitisaac tictatioto tancollito cactacatta igacacaaga ĒΦ notycogo egocytetes assatatean arratetett aettgreeca tecaatetta 120 catogaatta tatgowoodt tamaaagtta titggagtit taamaaacho tantagooda aattaootga aataaactoo tegetteetto oootaatett tataaaaaat teatteaaaa 240 tallicatiff assargasg picttysatt tattisaatt actytotige agigagitgg 300 <210× 691 <211> 305 -212 > DNA <2113> Home sapiem $<400 \times 691$ ctgttcagaa agctcattgg acctggtttt gaaaataaaa caaagttaaa accctgggag 6.0 gagttattyt gragtgigga gractcaggo titottataa agaaasaasa agitatotgg 120 taccasagig igraacciar agareetrag giactgeert gigartiric igtatgarat 180 cacaegacty coeegbycot attitician eactengent typigength typicientuc 240 tgaeaccatg cataggattg gtttactata ttaeaacctt attacgtacg tertecaaea 300 305 ថ្នងពុទ្ធថ្ន k210> 692 <2115 582 <212> DNA <213% Nome sapied <900> 692 caggasatgg alasocattt taacigtatt tittgdagdd cgiaddiid ligggaatada 60attgtetaac titttatitt tygictgget gitgiggigt geaaaactoe giacattget 120 antitigecae actgeascae ettscagang tggasgangt gaaattigte ateaattatg 100 actacoctae etectragas gattatatto atogaattog aageactgot (geegtacca 240 asacaggrae ageatacact ttetttacae etaataaeat aaageaggtg agegaeetta 300 tototgiget tegtgasger astessgess tisatecess gittgettesg tiggtegssg 360 420 acagaggtgc aggtaaggat gactgatagg aaatgttggt agttacgagt cocatcgttg totacaaato cettuaaato gtattqqaqq otqaqtaaaa oottgaatgt gaaaacttaa 490 getgaaaaat tytaaaaaca Ettracycet accatgaata gatetyttie titetyteea 540 582 castgating tytostegan ataettgeby estitgcaet by a210> 693 <2115 275 -212: DMA <210: Homo sapien <400> 693 cosstigati tyatggtasg ggagggatog tigsociegt eightaigta æsggsigegu 60 agggatggga gggrgatgag gactaggatg attggcgggca ggatagttea gacggtttet 120 aittöötgag ogtötgagat yttagtatta yttagtöttig tigtgagigt taggaadagg 180 gcatacagga ctaggaagca gataaggaaa atgactatga gggcgtgatc atgaaaggtg 24 D 275 mtaagotott otatgatagg ggaagtagug tottg

<210> 694 <211> 397 <212> DNA

```
≂213⊳ Homo sapi⊕o
      <200 =
      <121> misc feature
      <2025 (1)...(397)
      <1235 n = A,T,C or G
      <400≥ 694
nggtotgcat tittatigog etorgoaget gasotggsaa atotostitt acaacageac
                                                                         60.
tgagacagae gaccaccata ticactgagg tetaaattig cagittecae taatgacatt
                                                                        120
ttgaltteec aacagagata ottotggtot tactgoacag tottttaaga gaaatactto
                                                                        160
cattatgeca cattgteett gatcegtaag tgatgtgtta aggtgettea aaggaactet
                                                                        240
                                                                        300
gacctotyse gtacttgago tactttagta tgtccagcot attgcttttt yttttaglgt
gtoaccatas atatoagggg catamaaggo tatotattot taattoaagg atmaamoaga
                                                                        360
agaagoutgi ggtataaaad aatagiicaa galccag
                                                                        397
      <210× 695
      <311> 609
      42125 DNA
      <213× Homo sapien
      <2270×
      <221> miso_feature
      82229 (1)...(609)
      <0.73 \times \tau_0 = A_0 T_0 C or G
      <400× 695
                                                                         60
ctgagettee atttgteage tageactgng gtagteaace atgegaatga ggetattttg
gaecteatça tigiccagig ecigggetga taccgnggga aacgaaatti tgiggetgec
                                                                        120
cacaaaatca tyysaastaa tysttiitta gaasacctee actyntiigt tytycaycaa
                                                                       190
tabataactg asacaccaat ccsabaaact tatsaageta taacaattaa sacagnatas
                                                                        240
                                                                        300
Usakaginen gggatacasa aatggicaas Kigaagsgga tacasageet caaagcagie
cteactesta anancettgi igiateacta aaanggeati aasaligaga anaaggauna
                                                                        360
actagiggat taattaataa atgagaagta toostaagga aasattaasa tionattoit
                                                                        420
getteaeatt atgasaaaat acaaacaaca gattgattaa agacttaaat yngatesaca
                                                                        480 1
aastgttaaa actgtgataa gaacatttaa gaaaatagtt ctatusccct gggataaaac
                                                                        540
                                                                        600
attitionice maggestiam agigtiamet gammagaetg atmeatitmt temtlegest
                                                                        609
ttaaatton
      <210> 696
      <211a 300
      <212 - DNA
      <21%> Nome gapiem
      <400× 695
                                                                         60
obgessaata agegogetaa abbaaabbgb obbaaggbbb bbccactbca bbbbgbgacb
                                                                        120
ttgtgtggtt cgaatttoto agtattttaa coagtgtgtt gatgttaaag toaaaggotg
                                                                        180
cagtatgict ataticitige igtacteati ggiagittea glatatgiaa igigagtita
satagigada tigiatoton tattaacait toamaigoto ataitgadaa togudaatag
                                                                        240
                                                                        300
taaacacggg aattgatttt attotggttg totataatac ticatittaa atgtaaatgg
      <210× 697
      e311 > 391
      52105 DMA
```

<213> Homo sapien

<220>

<221> misc_feeture <222> (1)...(391)

```
<223> \rho = A,T,C or G
      <400> 697
                                                                         6 D
nngteatetn tgatgmatet gameaggtig etocacaggi agetetagga gggetggeaa
ottagagytg gggagcagag aattototta todaadatda adatottggt dagatttgaa
                                                                        120
ctottcaato tottgcacto aaagettigtt sagatagtta agegtgcata agttaaette
                                                                        100
caatttarat actotootta gaatttgggg gaaaatttag aaatataatt gacaggatta
                                                                        240
tiggasatti gitataatga atgeassatt tigteatata agatteatat itaettetta
                                                                        300
tacattigat aaagmaagge atggitgigg blaateiggi blattitign tecacaagit
                                                                        360
                                                                        391
asatasatoa taasaüttya adaaasaaaa &
      <210> 698
      <211> 536
      <2125 DNA
      <213 Home sapiem
      <0.20×
      <221% misc feature
      <223 \circ n = \lambda, T, C \text{ or } C
      <400× 696
otgagostac ageastaass atascataat tittatgigi acastatiis tggastacgi
                                                                         60
                                                                        120
taciggescs gataeataat thagitaata scaigacaaa gaacegaaat tgiatacact
atacagoata gtaatagaat aatgaatgat taaagttatt aatattaggt agaaaatgaa
                                                                        130
                                                                        240
gggtatottt gagagosgaa obcaaggsag caagcaatht goottatgag gasagagtta
                                                                        300
ontgtyguta aaggagaaan tgaaaaattt acaagteaag actititgag casagacaaa
                                                                        360
aatatqanta tqaqtoacca attoaqtaca gtqaaaaaaa agttgaaqag atatottgga
                                                                        420
agtasaccest gttgtggang agcagggtil tgatastcat gggattattc tgastgastt
                                                                        480
traaatgega taggaatata tgagataatt teaccagaga ataatatgat catgittgea
                                                                        536
tttcaaaggg gtglatctqg tgcactgngt agaataaata ggntatgiga gcaagt
      <210× 699
      <211> 419
      <212> PMA
      <2135 Homo sapien
      <720≥
      <201> misc feature
      <2325 (1)...(419)
      <2238 \times n = A, T, C \text{ or } G
      44005 699.
                                                                         6 D
ngtocacttg agggeaggtg acaaggacet gaeagageed atgeagaget tragatitigg
                                                                        120
acacacaaga giigataaci tooicaigaa otootigoot galotaaaci calabtaigg
gttotgastg titgogtaat catottesag gitaaacote tiggosgita cocittiese
                                                                        160
                                                                        240
awagtgcaca gtgggaatog agastogata gggttamtht tggagcagtg gottatacca
                                                                        300
tteacetetg tittitigig attettteae agataatgag aeettaataa easataggog
tasasasaht theacattgs satgatagas acathtgatg tastassact tggttggett
                                                                        360
                                                                        419
gatattitua ggaattgasa ootegovato tiatiggaga gacaegasit ggictoosg
```

```
<310> 700
      <211> 336
      <2125 DNA
      <113× Homo gapien
      <4005 700
coacttatte teettaaasa toostactea tacategacs efaagtetet tittagatee
                                                                        60
agtacragea organiatgg gttgagggag gatgggttgt atgtatgttt etgoccacta
                                                                       120
atettgagda godatattet gaattaaato gtoscagoda agtaataaco daagaatggt
                                                                       180
atgagthtea tgtgtastag etcasatgga ataagcatga atgetggagt ggaccattat
                                                                       24 D
                                                                       300
corcanatat totatgicae tictostita asgacietty tiatgaacia tiagasacti
taggcaaaat caaaagtatt tgcggcaaaa taaagg
                                                                       336
      a210 = 701
      <711> 418
      <212> IMA
      <2135 Homo sapien
      44005 701
costytysiy alyttyacse cocoryasya yoolosytoo altyttocao yuttasysao
                                                                        60
taggaatace aggaetgatg caattetact gggtcactat egettgtcae aagacacaga
                                                                       120
cestcagaco asaghattig otytastaec taagaasaas gaagaasaac cacilgacha
                                                                       180
tadatacaga tattitogic gigicoctgi acaagaagca galcagagit ilraigigg
                                                                       240
qctacaqcta tqttccaqtq qtcaccaqaq qttcaacaaa ctcatctqqa tacatcattc
                                                                       300
                                                                       360
tigluadatt actiocadat concipgion gadigoogic agigotitig agaitgadan
                                                                       416
gatgbackco coottgbtot tegccagagt aaggagobac acagobbtot cagaaagg
      <210> 702
      <211> 251
      <212 > DNA
      <213× Homo sapies
      ₹120%
      <221 - misc feature
      <0225 (1)...(261)
      223> n - A,T,C or G
      <400> 702
gggcctgttg tgggggtggg ggasgcaggg aggggaacag cleaataggt tgctgttgat
                                                                        60
                                                                       120
ttggttaaan aatagtaggg ggatgatgct aataattagg ctgngggtgg ttetgttgat
toaaattaty tyttiittigy agagtoetyt cagtiggtaga aatalaatty thiggsachat
                                                                       180
                                                                       240
tagnittago mitggagiag gittaggita igiacgiagi ciaggocata igigitggan
                                                                       261
attgagacta gtagggctag g
      <210> 703
      <211a 261
      <0129 DNA
      k2135 Homo Bapien
      <220×
      <221> misc_featume
      <222> (1) ... (261)
      <223 on - A,T,C or G
      <400× 703
```

```
€Ū
gggcotgtte tqggggtegg egaagdagee aggggaadan otaaataggt tgotgttgat
ttegttaasa aatagtaggg ggatgatget aataattagg etgegggtgg tigtgitgat
                                                                        120
trasattato tyttittigg agagiratgi ragiggiagi aatalaatig tigggarnat
                                                                        180
tagnittage attggagtag gittaggita tgjádótagn elaggedala igigilggag
                                                                        290
                                                                        261
attgamacta gtagggotag g
      <210× 704
      <111> 381
      <212> DNA
      <213> Homo sapien
      <220 ×
      <221> misc_feature
      ≥202a (1)...(381)
      4213 \circ n = A, T, C \circ n G
      <400> 704
                                                                        €0
ngthtgaatt ntattaaaga tacaaagagg agetggtace atiteitetg aaaclattae
                                                                        110
aaacaactga awaggtggaa ttteteerta atteatttta ggaggeesge attatactga
                                                                        1₽Û
taccaaaacc tygcagaggt acastaataa aaggaaactt caagtcagta tcactgatga
                                                                        240
acaccaatyt gasaatecte aatsaaatan tygeasauty aatteageay cacateasaa.
agetaatoca ecacaatesa gicagetica teerigegat graagieigg ticaacatat
                                                                        300
graestoeet eestacaatt catragataa eragegotea agacaesatt cacalgattt
                                                                        360
                                                                        381
totomataga tgcagamaag g
      <010× 705
      -211> 477
      <012> DNA
      <2135 Home eapied
      <400× 705
otgaaccoto gtggagccat toatacaggt coctaattaa ggaacaagtg attatgctac
                                                                        60 -
ottigosoge itaggytaca gegepogita ascatytyto acigegosgy cyptycotot
                                                                        100 %
                                                                        160
aatactggtg atgctagagg tgatgttttt ggtaaacagg cggggtaaga tttgccgagt
toutthiact fittitaacc triceftaty ageatgeetg tyttpggttg acagtgaggg
                                                                        240
taataatgan tigtiggiga tigtagatat igggeigtia atigteagti cagigtitta
                                                                        300
stotgacgoa ggottstgog gaggagaalg tittcatgtt acttatacta alatlagtto
                                                                        360
                                                                        420
ttotataggg tgatagattg gtocaattgg gtgtgaggag ttoagttata tgtttgggat
                                                                        477
tttttaggta gtgggtgttg agettgaaeg etttettaat tggtggetge ttttagg
      <110× 706
      -211> 266
      -212 = DNA
      <213> Homo sapien
      c220>
      <221> misc_feature
      <222> (1)...(266)
      <223> n = A,T,C nc G
      <4005 706
                                                                         ΕÜ
coategotan qtitataqat aqtiqqqiqq tiqqiqtaaa igagigagge aggagteeya.
                                                                        1.00
ggaggttagt byrggcaata assatgatta asgatactan tataagagat casgntcqtc
                                                                        180
ottlagtgit gigtalggot alcaltigtt tigaggotag tilgattagi cattgitggg
                                                                        240
tggtaattag toggttyttg atgagatatt togaggtggg gatoaataga gggggaaata
```

```
266
geetgatoeg tactgoggog ggtagg
      <210 - 707
      <211 = 358
      <212 × DMA
      <213> Homo eapies
      <220%
      <221s misc feature</pre>
      <222> (1)...(358)
      <223 \times n = A, T, C \text{ or } G
      <480> 797
                                                                           60
costcagaga aatgossato aasaccacaa tyagatacca tütüsüsücs gitägäätäg
caatcattaa aaagtcagga aacaacaggt gotggagagg atgtggagaa ataggaacac
                                                                          120
                                                                          180
tittacaccy niggigggac igiaaacteg ilcaaccati giggaagica gigiggcgai
                                                                          240
teeteaagga tetagaarta gaaataerat tigaeerage eggecaatut tesacattet
tasaggaasg astittcasc cosgastite atatocagee asactasget tegitagtga
                                                                          300
                                                                          358
aggagaaata aaatacttta cagacaagca aatactgaga gattiigtca ccaccagg
      <210> 708
      -211> 491
      <210> DNA
      <213> Homo sapiem
      ~220s
      <2215 misc feature
      ~220> (1)...(491)
      <223 s n = A,T,C or G
      4400× 708
cotactaryg gngtimmatt thitactoic ictacmaggi titticciag igiccmaaga
                                                                           €0
                                                                          120
getytteete titggaetaa eagitaaatt taeaagygga titagagggt tetgigggea
aathtaaagt tgaactaaga thetatettg gacaaccage tateaccagg cheggtaggt
                                                                          180
tegeogouto tacceataan tottoccact attitigotac acagacqqqt gigotcibbt
                                                                          240
agetyttett aggtageteg tetggttteg gyggtettag etttygetet cettyeaaag
                                                                          300
ttattterng itaattostt sigoagaagg tataggggüt agtocitgot stattatget
                                                                          360
tggtbataat titteatett teeettgegg tactatatet attgegeeag gitteaattt
                                                                          420
ctatogonia tactitatti gggtaaatgg titggctaag gitgtotggt agtaagggng
                                                                          430
                                                                          491.
gastysysttt g
      <010> 709
      <211> 460
      <212> DNA
      <213> Nomo sapied
      c220>
      <121> misc feature
      ≂2225 (1)...(460}
      <203 > n = A, T, C \text{ or } G
      <400> 709
nggbtbbttt tgtegegree etaatttatg ceseatatgt tacaeaatct gggatgctaa
                                                                           \mathbf{6}\mathbf{B}
atagitgaca caagiacigi gittgacatt tagittoatt igaattagia atagaattig
                                                                          120
ctocttocaa catttacato ttttttcttt otgactttat atattttcaa taasaatttg
                                                                          180
```

```
checacaget tetraagnica trefferiga aforgotett acatetyoty ngacasacot
                                                                        240
grataasact agaittista gatataactt rittiggaaga gataaaaatt caaaagtiig
                                                                        300
                                                                        360
acethgothe cantrattor throthoach githligating godoctithe datination
                                                                        420
ttgocaatot actitigatg gratgaatot aasatgacaa cataaasago mettetagig
                                                                        460
caacagtaat tgaascttgc agttttccet taaaaaaaaa
      <210× 710
      <211> 542
      <212> DMA
      <213» Homo sapien
      <00005
      <"21> misc_feature
      <2002> (1)...(542).
      <2235 n = A,T,C or G
      <4005 710
otyttacaut gadaagegat assaagetag acctgdagaa aasacaaset casagaaatg
                                                                         គេប
tgbbcagatg taatgbaatt ggagtgaaaa actgtgggaa aagtggagtt obtcaggoto
                                                                        120
ttottggaag eaactteatg aggoagasga eaattogtga agetostaga tootactatag
                                                                        180
egattaacae tgittaigia taiggaeaag agaaataeit gitgitgeai gataicteag
                                                                        240
satinggaatt totasctgaa gotgaaatos titigngatgi tgtatgootg giatalastg
                                                                        3:000
teageaatee caaateettt gaataetgig eeaggattit taageaavae titatggaca
                                                                        360
                                                                        420
geagaatace tigettaate giagetgesa agicagacet geaigaagit aaacaagaat
acagtattec acctacegat thoegoagga aacadaaaat goobccacca caagcontca
                                                                        480
                                                                        S40
cttgcaatac tgetgotgcc eccagtnagg atatotttgt taaattgata acaatggace
                                                                        542
      <210> 711
      <011 > 394
      32125 DNA
      ally Homo sepien
      <220%
      <221> misc feature
      <222> (1)...(396)
      <223 > n = A, T, C \text{ or } C
      <400× 711
camacidaet compettant accagacamo ettagorama comitiados habitadapta
                                                                         60
                                                                        120
taggogatag saattgaaac otggogcaat agatatagta oogcaaggga aagatgassa.
attataacca agcataatat agcaaggact warccctata cuttütgüät äätgäättää
                                                                        190
                                                                        240
ctanaaataa ctttgcaagg agagccaaag ctaagacccc cgaaaccaga cgagctacct
aagaacagot aaaagagcac accegtotat gtagcaaaat agtgggaaga bttataggna
                                                                        300
                                                                        360
geggogacka acctacogag octogtgata gotggttgtc caagatagaa tottagttca
                                                                        394
actitaaati tgoocacaga accetetasa teeb
      a210> 712
      <2115 552
      <2125 DNA
      <213> Homo sapion
      <030≥
      <221> misc_feature
      <222> (1)...(552)
```

```
<223 \times n = A,T,C \text{ or } G
      <400× 712
gaggiotgia nasigocago otoazattig tetitataat itaataceag aaateittee
                                                                         60
cttgtgatgt ttotttottt ctggattgco botatagcag gagatagcgg gagaggabaa
                                                                        120
ggeacatett tgmtgtaetg agammatttga ecoegeagga tgatgtgget giteteatte
                                                                        180
atotgoscay agaasaataa igataaaata toootitoot atgittaciy attitatyyo
                                                                        240
tgocataatg gaagesteet tgastattta atcetttetg temastaggt tegattttt
                                                                        300
ttttaattta cotyttagag gtatttaana atttaacta gotanasata attacattoo
                                                                        360
aaaggaacac caaggosaat aaatggtigg taatoagcaa aagaattaca ttagtigtig
                                                                        420
integrate the progress and the term and the second the atactotical
                                                                        480
etgeaaataa tiitagotgo agoabaggoo tatgtagnog itaatacete atgttgatat
                                                                        540
tttcataata tt
                                                                        552
      4210> 713
      <211> 518
      <210> DNA
      <213> Homo sapien
      #220g
      <221% miso_feature
      <222>(1)...(518)
      <0.23 \times n = A_1T_1C or C
      -400× 713
ccaaaaactg quageaqute actawacaaa cagtqqcata cccataqaac tqcutactte
                                                                         60
teageagtat gaaagaatga getaettata taageateat tgataaacet caaaaaaaaa
                                                                        120
stg:CaCatg aanaaaccca aagggganaa wcataaaaac totatatg:C agtcatataa
                                                                        190
aattotamaa aatgoaaact aatooatont aaaggaaagt aaatoaacag tigtoiggag
                                                                        240
gaccenaneg agreggagga genegatbat teeaggggbb seagtasatt toggagtgcc
                                                                        300
etteentitt taaatmetat gaaaatgaaa gtaaaggene atgeatgttg taaactaata
                                                                        360
gtaacakaca naatgggttg gagtggggtg ttgtctgggg acatcattac maaatgtaag.
                                                                        420
ccagtttatu tääätttiga aaagacogig gactoigate igactgatna aigitggaag
                                                                        460
agataagigi gotgoaaatg ggggaattaa taaaacag
                                                                        51R
      <2105 714
      <2115 281
      <212> UNA
      <2135 Nomo sapien
      <4005 714
ocaartgatt tgatggraag ggagggatog trgacotogt otgitatgta aaggatgogt
                                                                         \epsilon a
agggatggga gggegatgag gactaggatg atggegggea ggatagttea gaeggtttet
                                                                        120
atticotoso Ogrotosyst ottagtatta ettagtitlig tigigagigl taggamaagg
                                                                        180
gcatacagga chaggaagda gataaggasa atgachatga gggcgtgatc atgaaaggtg
                                                                        240
ataagetett etatgatagg egaagtageg tettgtägåe e
                                                                        281
      <210> 715
      c211> 443
      <212> DWA
     <213> Momo sapien
     <400> 715
ottgaaatoa goaacacact tacaaatgag acaatgaaaa tagaagagta tataaagaca
                                                                        50
gggaaagagg attatgaaga gagtratrag agagrtgtgg rtgcagaggt atrrgtartt
                                                                        120
```

```
gaasactgga aggagagtga agtgtataag ctacagatca tggagtcaca agcagaagcc
                                                                       190
tttetgaaga agetgggget gattageogt gateetgeag eatateeega eatggagtet
                                                                       240
gatstacgit datgygaatt gittotitot aatgitacaa aagaaatiga gaaagcaaag
                                                                       300
totoagttig aagaacasat taaggoaatt aaaaatggit oolggotoag tgaacttiot
                                                                       360
aaagtgcaga titotgagot ticattioot gootgtaaca oggitcatoo ogagitaoto
                                                                       420
                                                                        443
GGCBBBCGCC CBBBCCBCBC FAA
      <210: 716
      :211> 639
      <212> DNA
      <sub>≈</sub>213⊳ Homo sapien
      6220×
      <201> miso_feature
      <322> (1)...(639)
      <2.23 \alpha = A,T,C or G
      <4005 71€
                                                                         60
ocaaanaaaa tgaagtacag agtotgoata gtaagottac agatacettg gtatcaaaac
aadagttyga gcaaagadta atgdagttaa tygaatdaga gdagaaaagg ytgaadaaag
                                                                        120
adyagtotot acabatyceg gttcaegata ttttggaagaa gaatyaggot ttgaaagoto
                                                                        190
asattoagea gttecattee cagatageag cocagacete egetteagtt etageagaag
                                                                        240
asttacataa aqtpattocs gasaaqgata agcagataaa acagactgaa galtettisg
                                                                        300
caagtgaacg tgatcgttta acaagtaaag aagaggaact taaggatata cagaatatga
                                                                        360
atttottatt sakagotgas gtgoegsaat tacaggeost ggosaatgag caggotgotg
                                                                        420
etgeacatga atteggagaag atgeaacaaa gtgtttatgt taaagatgat aaaataaagat
                                                                        460
tgotggaaga geaactacaa catgaaattt caaacnasat ggaagaattt angattotsa.
                                                                        540
atgaccaaaa Canagcatta waarcagaag ticagaagst gcagactstt gittstigsac
                                                                        600
                                                                        639
angootaata aggatgntgn ggaacaaatg gaaasattg
      <210> 717
      <211> 273
       <212 - DNA
       <213≈ Homo sapiem
       <220≻
       >221> misc_feature
       <222>(1)...(473)
       <2235 n ≈ A.T.C or G
       <180 > 717
mmtgaggeta (tg.tgtttt attacaacat tacctoftgt tbttacaaag tgtaccaaga
                                                                         60
 tttaaattga taactttatt ttacttgaaa aaaaaaagtt tnttttatea eeagtgttae
                                                                        120
 agtiglette tyttletitt tyttignit tallignitt cettlitage essagagiga
                                                                        100
 acagaanatt ticttatitt ggiggotatt cattitactt tiaaaagiga tiggiggati
                                                                        240
                                                                        300
 ttagacteat tätygyggaa tityocacca aeateamean tutgtamegn ytäytyältä
 cagagitggtt aasaigiggg tiaglactia titattocat taatigatta tiigacigit
                                                                        360
 tataaagaaa gitgottiat tietttaaan atetteaaaa gatgatoett tetigichus
                                                                         420
                                                                        473
 ttatagodsa sagsagdaga gasobtosot gtotgoatlit ggttootggh ligg
       <210× 719
       <211> 207
```

<212> DNA

<213> Homo sapiem

```
<400> 718
  gytasatgot agiataatat tiaccatoto sottotagga atactagtat atogotoaca
                                                                                                                                                                         БÛ
 CCCCatatec tecetactat gcctagaagg aataatacta teactgirea ttategerac
                                                                                                                                                                      120
 totoataano otoascance actonotott agecamtait gigociatig cominciagi
                                                                                                                                                                      180
 ctiticogco tgoyaagcag cggtagg
                                                                                                                                                                      207
                <200> 719
                <211> 255
               <213 - DNA
                <213> Homo sapien
               <120>
               <221s misc feature
                <222> (1)...(255)
               <223 \times n = A_sT_sC or G
               <400> 719
 coletation ggaleathte totacteaga ascetgaaac atoggosita tectoriget.
                                                                                                                                                                       60
 tgeaactata geaacagest teataggeta tgtostooog tgaggecama tatemttetg
                                                                                                                                                                     120
 aggggCCaCa gteathtaraa acttactato ogcoatcoca tacattggga cagacctagt.
                                                                                                                                                                     180
 teaatgaate tgaggagget acteagtaga cagneceace etcacaegat tetttacett
                                                                                                                                                                     240
 teacticate tiges
                                                                                                                                                                     255
               ≈210≥ 720
               <21.15 45.5
               <212> DMA
            °∹213> Homo sapien ...
               4220s
               <22% misc Feature
               <2225 (1)...(455)
               <223> n = A,T,C or G
               <400> 720
communications about action at the contract and appropriate and action action and action a
                                                                                                                                                                      60
attgacasat gatgoortot gactagtaga titotatgat colitititgi cattitalga
                                                                                                                                                                     120
atatuattya tittataatt yytyötäitt gaanamaana aigiadatti aitoetagat.
                                                                                                                                                                     180
agataagtat daggtotyac oodagtggaa aadaaagoda aadaaaactg aaddadaaa
                                                                                                                                                                     240
aasaaggotg gigticacos aasocaasot ightoathha galaathiga aasagcicca.
                                                                                                                                                                    300
tagemaagge gigiagtaut aagggaadaa touaigigai teatgoiind attaigtica
                                                                                                                                                                    360
tytaanaago cooftattii tagooataat iiigoataot gaaaatooaa taatoagaaa
                                                                                                                                                                    420
agtastitig coacattatt tatmaaaaat gitee
                                                                                                                                                                    455
              <210> 721
              <211> 530
              <212> DNA
              -213> Bomo sapien.
              <220×
              <P21> misc feature
              <232 > (1,) . . . (530)
              <203> n = A,T,C or G
              <400> 721
cceglightig etgengiggi itagigathg ggigtiagaa ataasaacic aggirtatti -
                                                                                                                                                                      60
```

```
120
ottaccagto agtascaatt titagagaat gtactiggta tataatatat ggacticagg
aactitatta gagnaagaga tiaattitac obtaccotat teactiteaa sigattagee
                                                                         180
ttttgcartt tagaatgaga aacttgtgar gttagtgtgt tritactage titaatttgt
                                                                         240
                                                                         300
atgtagcaat gaattytgaa tottagtgoa gtgggttttt ttaaaaaact caaaaagotg
ggaattaagt ggitteagta ataatgetat aeegaggtge tigeatigia titeataatt
                                                                         360
                                                                         420
      constant presentation ascontatto outtosomog totantoca
                                                                         बहार
gaatgtattt begtaetgit aggetettigg aacagataee gigtgettiet igaaagaiga
asgassique arggorgoto trustgosso ottoussaco tsocasgast
                                                                         530
      <010× 722
      <211> 292
      2012 - DNA
      <213 - Momo aapien
      <2220×
      <221> misc feature
      \times 222 \times (1) \dots (342)
      <2223> n = A,T,C or G
      <400 × 722
ccaagggtca tgatggcagg agtastcana ggtgntottg tgttgtgata agggnggaga
                                                                           6.0
ggttaaagga goodottatt agtaatgtig atagtagaat gatggotagg gigacitoat
                                                                          120
atgagattgt ttgggetaet gebegeagtg egeogateag ggegtagttt gagtttgatg
                                                                          180
otcatoutym thagaggatt gagtaaacog Ctaggetaga getegetagm atmastagga
                                                                          240
                                                                          242
99
      4210: 723
      k211> 472
      <212 - DNA
      <213° Homo Bapien
      ₹220>
      2215 misc feature
      \{222\} \{1\} ... \{472\}
      62236 n = A,T,E or G
      <400× 723
                                                                           60
cotactatgg gtgttaaatt tittactoto totacaaggt titticotag tgtccaaaga
geegtteete titiggaetaa cagttaaatt taeaagggga titagagggt tetgigggea
                                                                          120
aatilaaagi igaactaaga tictatotti gacaaccago talcaccagi cloggiaggi
                                                                          120
                                                                          240
tigiogotte nacciatasa tetteceaci attitgetae utagacgigt gligelebitt
                                                                          300
agetgitett aggiageteg tetggniteg ggggiettag ettiggetet ettigeaaag
                                                                          360
ttattictag ttaattoatt atgeagaagg tataggggtt agteeteget atattatget
                                                                          420
tggttataat tittcatott tooctigogg tactalatet attgegecag gitteaatit
                                                                          472
ctategodte tacittatii gggtaaatgg tiiggotaan giigtoiggt ag
       -210> 724
       a201° 292
       <2125 DMA
       agusa Homo sapien
       ×230×
       <221> misc_feature
       RD209 (1)...(292)
       \epsilon 220 \times n = A, T, C \text{ or } G
```

```
<400≥ 724
 nocedeacty emponerace tedegoiges assausation attotytica cattigitit
                                                                          60
 ateagtitte arnesataca czzazasoco cicigosoti Ctigissaga აბაგაგამავა
                                                                         120
 taracsacsy thaugostas againacagg caatageatt caaacaigga igigggaaga
                                                                         180
                                                                         240
 qaaaggaqta cotggcatga gtacctgett agttngaatg aatoottgat tittaatitg
                                                                         292
 gobititeatg ggooghtead aacaddaacg etgogogagg tatggtagte ag
       <010> 725
       42115 122
       :2125 DMA
       <213⊳ Homo sapien
       <220≽
       <221> mdec_feature
       en32s - (1) \dots (122)
       *223* n = A,T,C or G
       <400× 725
 atagaaaggg catacccaaa atgitactga aaatmiaata caaattccaa gaticaccaa
                                                                          ÉÜ
 ngoagtaaca aaaacetgge etgeangngg necoetates egtggstesa tggnegatgt
                                                                         750
                                                                         122
99.
       <110> 726
       <211> 477
       <212 - DNA
       <213> Nome sapiem
       <120%
       <221> misc_feeture
       <122× (1)...[477]
       <223> n = A,T,C or G
       49005 728
 ctypecceto gragadecat testacaggi dectastias ggsacaagtg attatgetae
                                                                          €0.
 ctntgcacgg tragggtacc gcggccgtta aacatgtgtc actgggcagg cggtgcctct ...
                                                                         120
                                                                         180
 aatactootg atgctayagg tgalgttttt ggtesscagg cggggtsaga tttgccgagt ...
 tecttttact tittttaacc titteettaig ageatgeetg igitigegitg weagigaggg
                                                                         240
                                                                         300
 taataatgad ttyttginga ttytanatat tyggdtytta attytoagtt pagtytttta
                                                                         360
 atotgacços geottatgog gaggagaatg tittoatgtt acotalacos acattagito
 ttotataggg tgatagattg gtocaattgg gtgtgaggag ttoagttata tgtttgggat
                                                                         420
                                                                         477
 tittaggta gigggigtig agerigaacg cilbetlaac bggcggcbgc tittagg
       <210> 727
       <211> 416
       <2125 IMA
       <213> Homo sapiem
       <400× 727
                                                                          60
 congretting aanggatgaa anaggitaan aaaaaanane acigittaaa aactagaaca
 otgassast otaggasago ttatttocco tostatutul atggtactit cascacttaa
                                                                         120
 tascactoff togattsagt titletecting agittatagt atsteagted affectities
                                                                         180
 gtygetgrea testategas tottattoca estottactg gcaggitate itsaatiett
                                                                         24 D
 caacggotge catagigatt accommant agitatgatt totgeetate tgtytgagam
                                                                         300
 cttscagggg saattgitet aascetgagg sacatgaagt aactgtactg cacactecsa
                                                                         360
```

```
atgatgadag teattitata teacetteaa ttaccoaaca gettitaata giotgg
                                                                                                                                                   416
            <210> 728
            <211> 416
            <210 - DNA
            <220×
            <221> misc_feature
            82225 (1)...(416)
            <220 > n = A.T.C or G
         - :400> 72B
congreting sanggatgas ataggitaan saasaacand actigittasa aschagaaca
                                                                                                                                                     ēΩ
orgasaasti oreggaaago roatterolo tialattiit aiggiaciil Caacaciilas
                                                                                                                                                   120
taacactatt tomattaagt titeteetag agittategt ateleagiae miletillet
                                                                                                                                                   180
                                                                                                                                                   240
gtggstgdaa taatatagaa tottattoca aatottactg gcaggttoto ttaaattott
caseggetge catagtgatt saccasaatt agttatgatt tetgeetate tetgtgagaa
                                                                                                                                                   300
otthoagggg saattgitet sascongagg sacatgaagt aactgiacig cacactocas
                                                                                                                                                   36.0
atgatgacky teatitiata tempeticas tiaccommus getittaats nietgy
                                                                                                                                                   416
            5310 × 739
            -211- 564
            e2125 DNA
            <213 - Homo sapiem
            <320≥
            <221> misc feature
            2002s (1)...(564).
            <2235 n = A.T.C or G
            <400× 729
ctgtgagtag aggagtette cegagagtag cagttgttga tecaaatgat tgaageette
                                                                                                                                                     60
uggtaaggga atabetgetg caggaattit ttottgaaga atttaagetg titiggtaaga
                                                                                                                                                   120
attotgtaac tacatacott tgaaacaota ttoacattoa aataaacget tgttttot@g
                                                                                                                                                   160
                                                                                                                                                   240
ccaggescap getexattag tittecasse tetagecang gesqtattic athleggass
tratgrasca gasetgetca attottaant totootgetg tisacattia nacitagast
                                                                                                                                                   300
godagosada gitaaciisaa attitagitoi daagogsads asaassaati gositoagaa
                                                                                                                                                   3€0
totaatatag tattotaasa otaatottag ootgtaagno attatgagoa etagtaactt
                                                                                                                                                   420
thatacored tostottono tostaatata thotatatoo toncaatoto attatataot
                                                                                                                                                   430
ctatatocta gasgttgetg attiteatic tgccaccaas assauctgic cititititi.
                                                                                                                                                   540
tatgggggaa aaagggaatt taaa
                                                                                                                                               . 564
             <210> 730
             <211> 310
             <212> DNA
             <213 - Homo sapien
             2400× 730
coefficient that the general terms of the coefficient of the coefficie
                                                                                                                                                     60
ggecatatgt titlettgetg tigagitgia tgigtgittg talaaatiit gealattaae
                                                                                                                                                   120
                                                                                                                                                   1.80
contratose englangitt titeasastes ettingetta titeatettit atcagatgis
tygttteema atotattett eegateeaty gattetettt titgitatgo tigtitetti
                                                                                                                                                   240
gotottogga agettittigt tillgittligt tattligitti actiligatat agicceatit.
                                                                                                                                                   300
                                                                                                                                                   310
attgtttttg
```

```
kD10s 731
      <211 = 467
      k212% DNA
      <213: Homo sapien
      <220>
      <221% misc feature
      <2225 (1)...(467)
      <223> n = A_{i}T_{i}C or G
      <400× 731
nyaceaecti ageceaecca titaceceaa teaegtatag gegatagama tigamacetq
                                                                           60
gograataga tatagtacog daagggaaag atgaaaaatt ataaccaagd ataataaagd
                                                                          120
aaggaptase protatapot loigoslast gaalqaarka gaaalaacit tgcaaggaga
                                                                         180
gecamageta agadeecega madeagadga getacetamg madmyetamm mgagemadado
                                                                          240
cgtotatgta gosaaatagn gggaagattt ataggnagag gegacaaace tacegageet
                                                                          300
                                                                          3€0
egtgataget gettetecaa gatagaatet bagnteaaet tiaaattige eeseagaace
ctotaaatoo cottotaaat ttaactgnta gnocaaagag gaacagntot ttggasacta
                                                                         $20
ggaaaaaaco tigiagagag agimaaaaat tosacaccca taytayg
                                                                          467
      a210s 732
      <D11> 492
      *212 = DMA
      <213> Homo sapien
      4220× 1
      <221> mist_feature
      <227 > (1) , , [492]
      <2238 \times n \rightarrow A, T/C \text{ or } G
      4400× 732
cotactatgg gtgttaaatt itttactoto totacaaggt ittitootag igicoaaaga
                                                                          ΕÛ
                                                                         120 -
gotgitonio titiggecias cagolasalt tacasgggga littagagggt totgtgggca
satttamagt tgametamga thetatettg gmenacemge tatemeegg etegytmaggt.
                                                                         180
ttgtcgcclc tacctatasa tchlcccact attttgctac etagacgggt gtgctctttt
                                                                         240
                                                                         300
agetyttett aggtageteg tetgymttog ggggtettag etttggetet cettggalal.
                                                                         360
ttatttetag ttaatteatt angeagaagg tataggggtt agneettget atattatget.
                                                                         420
tgentatest tittcatott toccitigogg tactetatot attgogodag gittcaatit
                                                                         480
ctategreta tactitatti gggtabatgg tittggetbag gttgtetggt agtg#999999
                                                                          492
agnoggt (Tg. gg.
      <210> 733
      <211> 582
      <212> DNA
      <213> Homo Bapien
      <320≥
      <221> misc_fcature
      <222> (1)...(562) -
      \langle 223 \rangle n = A,T,C or G
      <400> 733
ntgaaatggc aatagcatte actgtegtat tttgcagtgc teaggaagtg ggacgttaac.
                                                                          ьо
tttgeaggig chighttgha ttagctcigd taggtthacd totaceacgi agaillicagd
                                                                          1.20
```

```
agetatgety sotgacacta catholagti ettaagatit tittiecana tececcette
                                                                       180
cocagoraga cataograpo atactitost obtatecage officegess collected
                                                                       340
ctittagicu toutusooto agateggaat caatggagig ggoocagagg atacattita
                                                                       300
attocagina iggiagging artigiocig cultichama catotocica illicatatit
                                                                       360
ccactocata tigaticost aagggasaat taatgggign ticotootit agggaggeaa
                                                                       420
was a second to better the consecute attachted ettasagag
                                                                       480
cttacatatt gactgintit cacaataace igniigeece agnicaatee cicatiitaa
                                                                       540
                                                                       562
taottaatgt tygtnotygg CD
      <2105 734
      a211= 265
      <212> PNA
      alls Homo sapies
      <220 =
      <??1> misc_feature
      <222>(1)...(265)
      42234 n = A,T,C or G
      44005 734
ngghtcayaa caagagaast aacbgcagaa aacadstatg glitggaaacc abgcgcblgt
                                                                        €D
                                                                       120
quetttttet gtagestatg ggagtggasa gagtgggtaa sosaagatgt tittaagast
gactggants agastggcgt acttstaged aactacttod cooctaatgt gactgaaggg
                                                                       120
                                                                       240
attoataatq atcocaatta goattacggt taagtetttt agggttgacg totaagctca
                                                                       265
dantigasag gtattlatet astgg-
      2210= 735
      <2115 216
      <212 FMA
      <213% Homo Bapien
      <400 > 735
atttaataco tyckcactoc toggoacycy otgaagotac agtbaacaat cagtgagoac
                                                                        60
                                                                       120
atattaaatg atmaaatoat gotgatggta ascattoata acagcagagt magattitgg
                                                                       160
cagtititgig teloggiaac aleactquas cottagaigs acadetated eticalgaid
                                                                       216
tgaetttaga ggoaaggagt ttgtaacato taatgg
      < 210 > 736
      <111> 285
      ARIES INA
      <113° Homo sapies
      < 220 ×
      <?21> misc_feature
      <22:2> (1)...(285)
      <2225 n = A,T,C or G
      €4005 736
                                                                        бÜ
ctqaaaqqoa acotqqagac tagttagtot agtereetra tattataaat tggCatgetg
aggoragyon gtamattgot atggagotot ocaatttaag godagtttga didommaggt
                                                                       120
agggottota gtaaaatitt gtgattamat tggaaactot aatitalitt totatgogtt
                                                                       180
                                                                       240
tttqqtacct matcctcata ageaaqocat atttcaagg0 tgatCaatga acacaccaa.
                                                                       285
taceasaget tecttteeet teesaattta etgaccettt gteag
```

<210> 737

```
<211× 509
      <212> DNA
      <213> Homo Sapien
      <220×
      #221> misc_feature
      agggs (1),..(509)
      <223> n = A,T,C or G
      <400> 737
agangaagaa gangaagatt aagggaaaag tacateggte aagaagaget caacaaaaca
                                                                        6 D
aageceatet ggaceagaat tesegaegat attuetaatg aggagtaegg agaattetat
                                                                       120
aagagettga eesatgaetg ggaagateae ttggeagtga ageattttte agttgaagga
                                                                       180
cagtiggaat toagageest tetatitigte ocasegacetg etcettitga toigitigaa
                                                                       240
secagamega ammagancae catrabatty tatytacyca gagttttcet catygatumo
                                                                       300
tgngaggage tastecetga atatetgase tteattagag gggtggnaga eteggaggat
                                                                       360
etrectotas acatateces tysgatytty cascassycs saattitigas syttatesing
                                                                       420
aagkattigg gicaaaaaat gottanaact otttacigaa ciggoggaag ainaagagaa
                                                                       420
                                                                       509
etnesagana ttetatgage agnitetett
      <210× 738
      <111> 97
      <212 DNA
      <210% Rome sapiem
       eg 00× -738.
cagigaatig aatacqacto otatagggog aatigggood totagaigda igotogagog
                                                                         60
                                                                         97
grogocagig igatiggatat digcagaatt digcoott
      <210> 739
       <211> 203
       6212× DNA
       22135 Homo sapien
       <730>
       <2015 misc_feature
       <2225 (1]...(209)
       <203> n = A,T,C or G
       <400× 739
                                                                         60
cogneaging gaiggatate igeagaatte gecettagen geregereng geanggmiest
tataletegh egottagith gasessaigh gaeggeoith ogisaoggsa gheekhoaeg
                                                                        120
 atraagagta attacraact taatgtittt goattggart tigagttaag attattittt
                                                                        185
                                                                        209
 aaatootgag gactaqoatk aattgacyg
       <210> 740
       <211 > 164
       <212> DNA
       <213> Homo Bapien
       <480× 748
 ocaagetaat gegtgaea0t qtyaatgeaa etetaatgea geotggegta aatggteeta
                                                                         60
 tgggcactaa ettteaaget aacacaaaca gaggaggtgg tgtgtgggaa tetggtgcag
                                                                        170
                                                                        164
 caameteesa gagtacatea tyyyyaagty yaastyyege saat
```

<210> 741

```
<211> 514
      :2125 DMA
      <213× Homo Bapien
      52007
      <221s misc_feature
      =221>(1)...(514)
      \approx 223 \text{ s} \text{ n} - \text{A}, \text{T}, \text{C} \text{ or G}
      <400× 741
ccagtorgue tigagaigig cigigagigo amantacact canaictang actingiatg
                                                                           60
gasgamasag amgatmaggt gottomttam tmatotitta tettgattam atgittgamet
                                                                          120
gatattitta atataciggg tiacateaac tgitattaag attaattiig citgitteti
                                                                          180
ttttaatatg getactagaa aattaaaaat tatgttgtgg tteacattat atttetgttg
                                                                          240
                                                                          300
accestging acatagetes totacagtos thacethago obtagaatit ayostostac
ttttaagear tetggggtar taacttgaad teecagaaac ceataageac actetgcata
                                                                          360
                                                                          420
teasthatto ceassificat tottatotot oigseagata typesitubae gygtseeeg
anticacada ataitgante ettameanat giodattagi ataiggagag agetamagga
                                                                          460
                                                                          514
chtchtgtag actggthcat tggggassaa caga
      <210> 742
      <2115 439
      <212> DMA
      -213- Homo sapien
      • 22 D>
      ~221> misc_feature
      42225 (1)...(439)
      <223 on = A,T,C or G
      <400> 742
goaggtocta typatagtta atmagggnta taatotadto aacmtygama atgggmyddi
                                                                           60 \cdot
attigeaaac acargagtaa tiaaagtace aattototot tagittotit tittatagit
                                                                          120
ggnttatttt graattataa atgmtamaca tooctagaga tgaaagttaa amiggotgat
                                                                          100
cacagatoag tagoasaata caaattgaca attoaaaatt ataaataaaa obotgttgag
                                                                          240
galgittaec tulgagooto daaattuaag agolaagout ggaagaaeca aattiatagg
                                                                          300
ttatattice etettaaatt aasamacama etteetetgg eagtagntig igamiteett
                                                                          360
teattgmaat gataceatga ttacaggate aasaatgett aacttacttg ceattetget
                                                                          420
                                                                          439
dacateates cayttyttt
      <210× 743
      <211> 275
      <212> DNA
      <213> Homo sapien
      .:220×
      <2221> misc feature
      <222× (1),..(275)
       <2.23 = A.T.C or G
       :400 > 743
Cangacycta cttcccctat categaagay cttatcacct ttcatgatca cyccctcata
                                                                           60
gtratitios tratetgeto estagiosig talgesetti testaacasi sasaasaaaa
                                                                          120
ctaactaata ctaacatete agacgeteag gaaatagaaa eegtetgaac tateetgeee
                                                                          180
```

```
yecatestee tagtesteat egocetoeca teestaeges teettracat sacagaegsg
                                                                         240
                                                                         275
gtcaacgate cotocottae datdasatea attgg
      <210> 744
      <211s 295
      <212> DNA
      <2135 Home sapies
      -220s
      <211: mier_feature
      k020× (1.)...(295)
      e223 > n = A,T,C \text{ or } G
      4400> 744
chythetitt aasaasictg gatgittiit alitagigst tylicgacaa lüsgetgelt.
                                                                          60
canadontes totgostigo tiatganigo ericalabac bestacagai actolysian
                                                                         120
tattacacto taataaggat aatgotgaat tttgaaagga cacaaaacat otaatgocaa
                                                                         180
                                                                         240
tatatakang antagodaso atobilgola tosagsodad toglutitas atasagsigo
                                                                         295
aagtgtoagt tgtagattat tggggatgaag ctabateece agaatgeage ageag
      <210% 745
      <211 × 477
      <212 × IMA
      <213 > Homo sapien
      <220×
      <221- misc leature
      «DD2» (1)...(477)
      \epsilon 223 \times n = \Lambda_0 T_0 C or G
      <400 - 745
caccyttacty tacetaltyc tegoeggaga ceactygasa tactaeecaa etaclggeat
                                                                          60.
                                                                         120
teacattaca garagargaa accaacatgg atgecacaca taactteett tgtagtttoa
cagagageet attingtygth getcagging gghestaeat igettycaga aaiggeenga
                                                                         180
                                                                         240
testagetet atgassesst gaatteggas tgasstetta eestgaesse tetetgtagg
aaagaaatgi igoticacgi gigotaagii gagataataa tatticacai atittatatac
                                                                         300
agagaatoet totoaaatit aacocaagat aagoaatagg atttgggggt gaottgtaca
                                                                         360
mattictase ascaptitie tititiciag aggicactei casacactga tataleacta.
                                                                         420
                                                                         477
ragtitgagt gtanggalto agtaatoasa ggbtgttatt gcaaaagage caggeag
      <210> 746
      <211 > 524
      <212> DNA
      <213> Homo sapien
      <220>
      <221> misc_feature
      <220> (1)...(514)
      <223> n = A,T,C or G
      <400× 746
ctgtgaaatt gggttgggag agccaaaata otttacaact toagaccgga gaaaaggcca
                                                                          60
                                                                         120
yagotytgaa gitagactot algaligaaso agaglogiot tiligogalga Calgiliggga
                                                                         180
taatgaatoo attotaotto cacagagoto gatgocacga gaaacagtaa tatttgooto.
                                                                         240
ageligtsega ataasittitg acesattitog geactgosky acagosacty taetoceaa.
```

```
sacceptart acametante cagatatace agaagetaac attetectga attitlatace
                                                                       300
aqaaaatsaa gaaacasatg ttotggatga tgaaattgac agttatttca aagaatccat
                                                                       360
assittaagi acaataqitg aigtotacad agnigaadsa tiasagggaa sagotiigaa
                                                                       420
                                                                       480
quatquagga assgetgate effectatgg cateefftat gootacattt cencactona
cattgatgat gaaactcasa agtagttoga aatagatgtt ocag
                                                                       534
      <210> 747
      <211≈ 956
      <212× DNA
      <213> Homo sapien
      <220>
      <221> misc feature
      <2225 (1)...(456).
      < 123 \times n = A.T.C or G
      <900> 747
cotcagitot tgattgtggt tgacggggcg tcaccatgaa ggagcccatt tagtataaag
                                                                        €0
ottopaacet titetottaa tegittetit aaleittiaa aecateitoa agigsalagg
                                                                       120
                                                                       180
ggagtttoog atgodagagg atgaaagdea gtgotttoto caccototoo toocagagtg
assaceaate ettitgetga teettgitte assageatee attgtaasge iteicagiga
                                                                       240
cadsasatad tgagaggtaa dtttttatds atdasaddad atsddddsat flasdaddt
                                                                       300
teagtgetet gaatteaset gecageetaa agggtgttte digtaadagt eigsaatatt.
                                                                       360
aagtgttttt titgttitgt tittaaatot talticagaa aacttoolet ngggglagga
                                                                       4 2 D
                                                                       456
aughecacat gaegoagosa eghaecgaeg esaeso
      <210> 748
      <2115 474
      <212> PWA
      <2135 Homo sapien
      <2270≥
      <221> misc_feature
      <222» (1) ... (474).
      <223a o = A.T.C or G
      <400≥ 74B
                                                                        60
coanactagg qaactasatg caqacaqnqa aqttototgc ttottttggc tataatgnga
daagaaaggg atdatdtttt gaagatgttt aaagaaataa agdaactttd titataaada
                                                                       120
gtomastast canttaxtyg astmastmag tectuacces cattttaacc actitytaat
                                                                       180
cartaracti tacatatith tiattinggo ggrasantre recatastia gictasaste
                                                                       240
caccaatean tittaamagt aasatgaata geemeemaas täägäääätü tiütyttüäü
                                                                       300
totttggota aasaggassa ossatssaad assacsassa gasacagaag acaactgtas
                                                                       360
cactggtgat aamagaaact tittittee aagtaaamta aagttateam titaaatett
                                                                       420
                                                                       174
ggncachtta taassacaag aggtaatgtt gtaataaaac agcagtages teag
      <210× 749
      4211> 355
      <210 > FMA
      -213> Homo mapien
      <210×
      c22ls misc feature
      <222> (1)...(355)
      62235 n = A,T,C or G
```

```
<400× 749
ectgggtnna gnggotgact gnaaceteca ottoctgtte teaggeaate etectgeete
agocteetta gtagetggga etacaggagt gtgcaaccat gcccaactaa tttttgtatt
                                                                        120
tittaatagag ahagggitte accatgitga traggitggi otocaacted igaceleagg
                                                                        180
tyatucadet etocosecct codasagtge tyggattada ggestesged scosegeeeg
                                                                        240
gnecaggata aagtasaaat tigitaageae acaaggeeet tigeaaceig gebeeiggib
                                                                        300
                                                                        355
actactitua nectectique etcocaaatg theteactgt titetetamac atacc
      <210 - 750
      <211> 493
      <212 - DNA
      <2013 > Homo mapien
      <220a
      *P21> misc feature
      <222 > (1) . . . (493)
      <223 \times D = A,T,C \text{ or } G
      <400× 750
costgotygt officesolog typactosyg tystocacon gootcagtof occastaget
                                                                         60
                                                                        120
tacatatath atteatgeat typitopitt aacacopiat toattgeatt thodegiese.
ccadeathar taattactoo tgaaatqaga asagaggtta aaaagatttt ataacagtat
                                                                        180
                                                                        040
cotatgamet otactactit campidatag tagtigamit modemmesoc gicecotomag.
                                                                        300
ccsatqacts csattaaqat atgaqtaaca tttcctagat aaataaagtc aattaattat.
attigoatot gygaantaga gaaagtacat ataagodatg attitysagn caaaagagag
                                                                        360
agantattig ccaaggaggg gigagitata giatgiaatt ataacataca gaagcictii.
                                                                        420
                                                                        480
gtatgotyg/ sactaatitt aatiicobac attnitatgg agatitoigo tattoligio.
etattiteea est
                                                                        493
      <010× 751 (
      <211= 364
      colos DNA
      <213- Homo eapien
      <220>
      <221> miac_feature
      <222> (1)...(364)
      <223> n = A,T,C or G
      <400> 751
                                                                         6 D
cgagglotgg maaggloaco aagtolgood agamagoloa gaaggolaaa kgastatlat
cortaatace tyococceca etettaatea giggiggaag aaeggielea gaacigitty
                                                                        120
titcaattgg coatttaagt ttagtagtsa sagactggtt aatgatsaca stgcatcgta
                                                                        190
                                                                        240
asacetteag aaggaaagga gaatgttttg nggaccaett tggttttett ttttgegtgt
                                                                        300
ggcaytttta agtlarragt ttttaaaatc aybactbttb aatggaaaca acttgaccaa
                                                                        360
asattigica cagsattiig agacccatta assaagitaa aigagatasa asaassaaan.
                                                                        364 -
CHES
      <210> 752
      <211> 498
      <212> INA
      <213> Nomo sapien
```

<220>

<221> miso_feature <222> (1)...(498)

```
<223 s n - A,T,C or G
      <400× 752
                                                                         60
                      getostebet tegestaget energreten statnetsse
gtgaatooot tagmagttac aattotoama ttacatactt ootcagatyt aacattagaa
                                                                        120
ctcaatattt ctaacaataa cataccagaa aaggetggan tggcaetcat etgetganta
                                                                        180
                                                                        240
adtigtaged teagtaatat gadataettg dütttäadan attatétdaa attaadtaad
                                                                        300
agenottoag aasatggaga ttotttttga tggggadata atdaaattta agtotgagaa
                                                                        360
aratgoriaa dagitggaad toaaattaaa tgtactgatt ttaaagitta gadattaada
agtgatanat tagootoasa asaagacaat tiggmaaggm tiaggiotti taatiiggig
                                                                        420
ottyntesea aettyaetgy tyettettte ettyetgett eaestessye stygggooss
                                                                        480
                                                                        4 9 R
thotalbite agtacatg
      4210× 753
      4211× 467
      <2125 DNA
      <213> Homo sapien
      -220×
      <2215 misc feature
      <3225 (1)...(467)
      <223 \times n = A T \cdot C \text{ or } G
      4400× 753
nacascotte godsnakoda titadodesa tasagggata ggogarages attysaadot
                                                                         60
                                                                         120
ggogosatag atatagnaco geabgggasa gatgaasaat tatsaccaag cataatatag
caaggactaa cooctataco ttolgostaa tgaattaart agaaataact ttgcaaggag
                                                                        180
                                                                        240
адорального надмостору валоридару адораторал дамолдорал алдаромине
cogtotatgt agcassatag tyggaagatt tataygtaga gycgacasso ctscogagoc
                                                                        300
tggtgatage tggntgmeda agatagaate ttagmteaae tttaaatttg cecadagaac
                                                                        360
                                                                        420
cototawato cootigiaaa titaacigii agiccaaaga ggaacagoto tiggacaona
                                                                        457
ggaeaasaco togragagag agtaamaamt ttascecocm tagtagg
      <2105 754
      <111> 196
      <2125 DNA
      <2135 Homo sapien
      <220×
      *221> misc feature
      <2225 (1)...(196)
      <225> n = A,T,C or G
      2400× 754
                                                                          60
greatgitea agigithmias telgacycog gettalgogg aggagaalyt tiloalgita
                                                                         120
ottatactaa cattagttot totatagggt gatagattgg tocaattggg tgtgaggagt
teagttatat gtttgggatt ttttaggeag tgggtgttgu gettgaaege tttettaatt
                                                                         180
                                                                         196
ggtggafgat tittagg
      k210x 755
      <211> 381
      <212× DMA
      allis Homo sepien
```

```
<400% 755
                                                                         €0.
otggawagga tipigtacat ataagacato adatattgag ggatactgga actiticaat
                                                                        120
taatgggcaa agaaagtcaa caaaggaagt teatatgaaa teaaactagt aatatgutta
casaassasa gittaassatt titoitiggod odagiditat datticigag odaastadaa
                                                                        180
thotalogaa atcacotgaa actgamatca coattolagg otggttitoc cmlamagatg
                                                                        240
                                                                        300
gaetgetesa aaaagaegaa temagaaaga atttegetes cagugaatta ticacuutgu
cttagttaac taaaaataaa atctgactgt taactacaga aatcatttca aattctgtgg
                                                                        360
                                                                        381
tgataataaa gtaatgaccg C
      <210> 756
      <711a 341
      <2125 DNA
      <113% Romo Bapien
      ≼220>
      <!pre><!pre># misc feature
      <2225 (1)...(341)
      <2135 n = A,T,C or G
      <9005 756
ggotateesc ctattatita tigosgeact sataaassat ocaesgoott glettigted
                                                                         60
atottbatta tototaaage actitootoa acotaatito agittituda atiggiaoto
                                                                        120
aagaasatag agadagaaat datiigatti igoodagaaa odatoigoii atatiiataa .
                                                                        180
ggreacetea titgamatea catatagmee aggegegetg getemegeet gtamtbecam
                                                                        240
                                                                        300
cartttggsa ggccaæggca ggtggatcar aaggtcæaga gattgagade atettggdda
                                                                        341
acatggogea acucogtoto taccaaaaat acaasaatca g
      <210> 757
      <211> 479
      :212 - DNA
     .∈213× Romo sapie⊓
      -200:
      <2215 misc feature
      <222s (1)...(479).
      <3205 \text{ m} = A_0 T_0 C \text{ or } G
      <400× 757
                                                                         60
egenttaetg tacatattge tageagggag acaactggaa atactaaaca aatactggaa
                                                                         120
tocacaliac agadagacga aaccaacatg gatgccacac ataacttoch thytagttte
                                                                         160
aragagager tattigtggt tgetenggig gygicataen tigettgeng maniggeetg
                                                                         240
atcatagoto tatesaacsa teaattogga atesaatott socatescar otototetag
                                                                         300
gasagaaatg tigetteaeg igigetaagt igagataata minitieaen tattihinta
                                                                         360
cagagaatca ctctcasatt taacccaaga taagcaatag gatttggggg tgacttgtmc
                                                                         420
arattictaa caacacitti ottittiota gaggicacio idaaacacig atataicaci
                                                                         479
atagnityag ngtagggati daagtawida aaggityita tigdaaaaga godaggdag
      <210> 758
      <211> 267
      <212> DNA
      <2135 Homo sapien
      م220ء
      <221> misc_feature
```

<2225 {1}...[367]

```
<2235 n = A,T,C or G
      ₹4005 756
                                                                         60
ocatonotay ettlatagat agtteggtigg gitiggtigtaa aligagtigagg caggagticgg
rygraygerray tragegyerrat occordents acquetacte globalgers termetrast
cottbagtgt tgtgtatggc tatcatttgt tttgaggtta gtttgactag tcettgttgg
                                                                        180
                                                                        240
gtggtaatta gteggttigtt gatgagatat tiggaggigg ggateaatag agggggaaat
                                                                        267
aqsatgatca etacterede gegtage
      <210> 759
      e211> 949
      <2125 DNA
      <213> Homb sapion
      <230×
      <221> misc_feature
      <222× (1), ... (449)
      <223> m = A,T,C or G
      <400> 759
egaggtetig aaateagesa cacaettaca aatgagaaaa tgaaaataga agagtatata
                                                                         60
aagaatgygw amgaggatta tgamgagayt catcagagag chghagcigc agagghatco
                                                                        120
                                                                        180
ghacthgaaa achggaagga gaghgaaghg talaagchac agatcalgga ghcacaagna
gaagoottto tgaagaagot ggggotgatt agoogtgato otgcagosta toocgacatg
                                                                        240
gagtotgata taegtteatg gganttgitt etitetantg tibeabaaga antigaganb
                                                                        300
                                                                        360
geamaginic aghtigaaga acaaantamag gematimama atggiteess getemsigmaa
                                                                        420
ettictaap ngesgattic tgagettica titeetgeet gtsacaeggt lesteegag.
                                                                        449
thactecoty agtetteagg ccaegatgg
      <210> 760
      <211> 414
      «J12» DNA
      #113> Nomo sapien
      <120×
      <221> misc_feature
      <122> (1) ... (414)
      <2235 n = A,T,E or G
      <4005 760
coatneacty geageagete actmascame cagnggosta cocatagase typestactic
                                                                         長的
                                                                        120
toagoagtat gaaagaatga gotaottata taagoatoat tgataaacot caaaaaaaaa
atgocacatg aagamneeda agggggagaa acataaaaac titatatgne agncacataa
                                                                        180
aattotagaa aatgoaaact aatooatont aaaggaaagt aaatoamcag tigiciggag
                                                                        240
                                                                        300
qaccanaqag agcaggagga gagagatini taanggggit aaagtaaatt ngggagigco
ottonatitt tasainniat gapesiysse gissaggind nigosigity taaaqisala
                                                                        360
                                                                        414
gtaacaaaca gattgggttg gagtggggtg tigtctgggg acatCattac aaac
      <210> 761
      <0115 428
      <211> DNA
      +213> Homo sapien
      <400× 761
```

```
quincetcact asastsacag attitosytat agocaagite atcagazaga otcasatigga
                                                                        60
atgattteca ayatageaca ottteaecca ggtcagtoct atcititigt agcigaaggo
                                                                       120
                                                                       180
tatoagteat aacadettt ogogtabade totgeteatt atggaattae acttaawaeg
aatotosaga gggtgaccat tgttgtttca gataccatco ctaaggagag tggttaacag
                                                                       240
gaagattgee agtgttaetg atggaeagaa gtgtttgttt gttttttttt tigtcaaega
                                                                       300
ottacaccat agetttaaat taaactgtca ggcattttct cagacaggtt ticcittica
                                                                       360
atgragicat gasgaactas gatamante atgaettite aetgeemete aachttatta
                                                                       420
                                                                       428
natgeace
      <2105 762
      <211> 574
      <212> DNA
      <213> Homo sapien
      <2200 ×
      <221> misc_feature
      <222> (1),..(574)
      <1.235 n = A,T,C or G
      <400> 762
caggirtgaa cigataagia tiaagagaeg tiigitgeta gitaagogit ecagiigaga
                                                                        60
gttegeagtg aasacetggg ctetttacea gtgttgagtg agaagattta tetetettte :
                                                                       120
                                                                       180
ctetquattt accacatqta acatcacaqa qacatqtaga gtteetttog gatttgegat
ttgaaccagn coeghotgat thtcaggiga ethologigas gagottgaig ggggaagict .
                                                                       240
gaagacagaa ggaattaggg aaaagggtga tacttacaga gtaaaggaaa taaatgaaaa
                                                                       300
gataatggta tittiggtag coacagggaa atagcaggag gggactggag atcacacaa
                                                                       360
egemeacyca cacacacaaa cacacaraca egetamaact casactaama aceteecaam
                                                                       420
ggagetgett tgtttgeaga etteaattng aagtagatde taagggeaag aatagdeeag
                                                                       480
Lisasatica coogsaaato introcenn citosaatgi gotaaaatai caciglosgo
                                                                       540
                                                                       574
ttageatete incalgialg talalalaga igia
      <210> 763
      <211> 465
      <212> DNA
      <213> Homo sapien
      <220×
      <23)> misc_feeture
      <022> (1)...[465]
      <223> n = A,T,C or G
      <400> 763
                                                                        \delta D
cotactateg gigtisassi tititactot cictacaseg nittitects gigtecaseg
                                                                       120
agetgiteet ettiggaeta aeagitaaat tiacaagggg attiagaggg tietgnggge
                                                                       180
saatttaaaq tiqaactaag attotatott ggacaaccag otatoaccag gctoggtagg
                                                                       240
thtgtogoot chaccatataa abottocoac tattitigota catagacggg tgtgctottt
                                                                       300
tagetettet taggtagete glotggttte gggggtetta gettiggete teetigeaaa
                                                                       360
gruetttota gttaettoat targoagaag gretaggggt tagtoottgo tatattatgo
                                                                       430
ttoquatataa titticaist tireetigeg giaetatate tatigegeea ngiiteaati
                                                                       465
toparcycot atactitati tygytaaaty yttigyctaa gyfty
      <210> 764
```

<211> 151 <212> DNA

<213 > Homo sapien

88	c400> 764 gtcaatta atgetagtee aacattaa gttggtaatt tttttcaa actaagetae	actettgate	ttgaettect	ttaactcaaa tooguteoge	gtocastgca eagtocttoa	80 120 151
	<210: 765 <311: 251 <211: DNA <313: Bomo sapid	an				
	2400× 765					
ලය	agagetta teaeetttea	tgatcacgpc	otcatagica	ttttccttat	cigoticota	60 220
gt	ecograte coepstations	escactcaca	acessactas	ctestactes	capportopas	120 190
ĝ.	toaggama tagtamoogt cocatooo taogcatoot	etgaactato	ofgeorgeon		contactate	240
	eccater Largearer. Stokstig g	Libratesca	gargagg cen	000000000		251
20						
	-210× 766					
	<211 > 375					
	<212> DNA <213> Homo sapi	o n				
	d5.50% (toling, sector)	311	•			
	e200s					-
	albis mied_feat		· ·			
	<2225 (1)(37					
	$\langle 223 \rangle / n = A_0 T_0 C$	or G				
	ლ400⊳ 766					
og	aggtetgn eeteetggtt	cttcatccat	tattaacaga	agagdatadt	ggtttaggta	60
્દ	teaaatot tigggaaggg	acesotytaa	aggaagttda	tagtingtoda	[atgaaqga[120
tt	taatttet ggettteeta	tettettett	caggataget	teetteagea	tagaartgit atagaaragat	180 240
E I	giditalese eletting	chagattata	cgtactatgt	aggergacka	catemanata	300
to	gaeettea p <mark>agaataata</mark> phacathyt bethteatga	- Agazargerg	atteneggga aatemattee	- ccaseaccys	atcottcagt	360
	magcapty tacay	651/Cararas	an idea idea			375
હર્યુ	tandenced enems					
	<210> 767					
	<211> 485					
	-212: DNA					
	<213⊳ Homo sapi	en				
	⊴220≽					
	<221> misc_fest	ure				
	<222> (1)(48					
	$-223 \times n = A_s T_s 0$: On G				
	<400× 767					
E!	gaggtetga accetegtgg	agccattcat	acaggteret	aattaaggaa	caagtgatta	60
E	ectaectin geacgyttag	: gataccecqa	coogttaaac	. atgtgtdact	ãòàcadacáa	1,20 180
E !	geetetaat aetggtgatg	, etagaggtga	tattttagn	asacaggegg	ggtaagatti Exonthesse	160 240
প্র	oogagttee tittactitt	. tttaacuttt	octtatgage Tagatattag	: arguutgtyt Lactatteett	rygyrtyata atcaattcaa	300
a,	igaggītaa taatgaritg gttbbaxtd tgadgcaggc	: Etalogogattg	cayac⊄ct⊆yy denaatotEt	, geogre a ace . Ecatothach	tetschaaca	360
	gttocaaco ogacycayyo tagttotto tatagggtga	. cowegoseas Litacetnoato	raattqqqtq	tgaggagnto	acttatatgt	420
L '	- Edecoper Corresponding				-	

```
tigggattit itaggtaagn gegigtigag ettgaaeget iteitaatig geggeigett
                                                                        480
ttang
                                                                        485
      <210> 759
      <2115 379
      <2125 DNA
      <213> Homo sapien
      <220⊳
      <221> misc_feature
      <222> (1)...(379)
      <223> n = A,T,C or G
      <400> 768
etgatattot attadagata caaagagag etgynaccat ttottotgaa actattacaa
                                                                         60
acaartgaaa aggiggaatt toiceetaat toattitagg aggecageat tatacigata.
                                                                        120
ccasescrig gregaggiac astastassa ggsaactics agtragtato actgargaac
                                                                        180
accaatgiga anatoricaa taanatacig goannoigna ticagcages cateannaa-
                                                                        240
ctasticeard adeaticaagt cagotticate cotgogatgo aagtitiggtt caecatetgo.
                                                                        300
asalosatia ataciatios toegatasao agayotasan sossaattos catgattito
                                                                        360
theatagatg cagasaagg
                                                                        379
      <110> 769
      <211> 518
      <1112> IMA -
      <213> Homo sapien
      <120>
      <2215 misc Feature
      <212> (1) ... (518)
      <223> n = A,T,C or G
      <400> 769
egaggireat aigaigatea giointatag titaaggege agatacada attiteaaaa
                                                                         60
abatggştag aatatagtca atatgaatgg satagacaat gebbtgaaaa teactggagg
                                                                        120
guagetttat tyttigteaa aacatetigu calcacttik tyctitaage ootkegleget
                                                                       180
gaastaacte assicatiet teettatget gaagategag aacceeaagt abcacateta
                                                                       240
Custoccaut catoaatyty attyytoayl othlyctyay ynoctycata gecaytttta.
                                                                       300
aagttagagt tottgoatat acatatgaaa aggestgtta ettytyeetil caaagagett
                                                                       360
filtgottygt gfaaaaagaa aactoaaalt acagtgtgat gtggaatata atggtggtag
                                                                       420
tttoatogag atgatggyaa agaattgata agataaagon gaaagalgag dagaal@tto
                                                                       480
agattgggto tggaaagage acttaagaaa gagggtgg
                                                                       518
      <210> 770
      <211> 378
      <212> DNA
      <213> Homo sapiem
      <220>
      <321> misc feature
      <322> (1)...(378)
      <223> n = A, T, C or G
      <400× 270
tatgggtvot gagtgtegaa tataagataa caaqacaatt ooottgotti caagggaaat
```

```
cacactttat assecttigs attottgass toggitticas aggittetas gicasatica
                                                                        170
agaataagag ttaagaagaa aaagactatg agaaaggaag tyntgaccoc atttgcattt
                                                                        190
                                                                        240
aaatggcagg satagtotos atotactoat tgggggaassa tgtatgttgc statttttga
                                                                        300
gatattgoma ettgetetet Gtettfgoma coccaccett tgnemtgete tettettegg
                                                                        360
etgaattggc aagaaaaatg getggaggge tggaagaagn tggaecette tteettette
                                                                        378
      <210> 771
      <2115 207
      <2125 DNA
      <213× Homo sapiem
      <400> 771
cabaaatatt atactagoat ttaccatete aettetagga atactagtat ategotoaca
                                                                         60
cotoatatos tocotaciai gottagaagg aataatacta teacigitea ilatagotae
                                                                        120
                                                                        160
toboatasco otdaacacoo actoootott agocaatatt gtgootattg coatactagt
                                                                        207
etttgeegee tyegaageag eggtagg
      <210× 772
      <111× 384
      -212 - DWA
      :122> Homo sapied
      <220%
      <?21> misc feature
      <222× (1)...(384)
      \pm 223 \times n = A,T,C or G
      :400> 772
                                                                         60
cotactatgg gtgttamatt bittactobe betacaaggb tibblectag igtccsmaga
                                                                        120
gotybtock: tttggactaa cagttaaatt täsääggggä tttägaggggt tötgngggca
aatttaaagt tgaactaaga ttotatottg gacaaccage tatcaccagg cloggtaggt
                                                                        160
                                                                        240
ttqlcqcctc tacctateas tottcccact atilitgctac stagecgggu glgCtCtttt
agetettett aggtageteg tetggttteg ggggtettag etttggetet esttgsamag
                                                                        300
                                                                        360
ttatititieg tilaattoatt atgoagaagg talaggggtt agtoottgou alakkatgot
                                                                        364
togttataat titteatett toec
      <210: 773
      <2115 182
      <012> DNA
      <213 - Bomo sapien
      <400× 773
                                                                         6.0
contition aacsotraca acaasadraa otaaladtaa catotoagao gotoagygaa.
                                                                        120
atagaaaccg tetgaactat cetgecegee ateatectag tectcatege ceteccates
                                                                        160
changestor httacetsac agacyaggic ascyatecon contracest caseteast.
                                                                        182
      <210× 774
      <211 > 191
      <232> DNA
      :213> Homo Sapien
      €400> 774
                                                                         60
coatggetag gittatagat agitgggigg tigggigtaa aigagigagg caggagiceg
```

```
aggaggitag tigiggcaat aaaaaigati aaggatadta gtataagaga toaggitogi
                                                                         120
 contragign tytytetygg telgettigt intgaggila gittgallag toatigiigg
                                                                         160
                                                                         191
 qtqqtaatta g
       <210> 775
       <2115 192
       <012> DNA
       <213> Homo sapien
       c220>
       <221> misc_feature
       <222> (1)...(192)
       <223> n = A, T, C or 6
       <400> 775
                                                                         60
 ccatggctas gniataiaga tagoigegig götggegiäe eigenigegg nacgagtöög
 angaggttag tigaggcaat asaastgain aaggatacta giataagaga tcangiicgi.
                                                                         120
                                                                         180
 ccittacatq itgngtaige diateatite tittgagect agebigatia eteatieite :
 ggtggtaatt aa
                                                                         192
       <210× 776
       <211 > 144
       <212> DMA
       <213 > Nome sapien
       <400> 776
 organocock agasocotgg cholgocath againagasco taagactotg cocacatttt
                                                                          60
 ggtetgttet etrecattar arataggttt gteteageat gewagwitt tteetttaam ... 120
                                                                         144
EBBB B6566665 A65666588
       <210> 777
       <211> 483
       <2125 DNA
       €213> Homo sapien
       <220×
       <221> misc feature
       <222> (1).,,(483)
       <223> n - A,T,C or G
       <400> 777
                                                                          60
 cotactatgg gightaaatt tittactoto tolacaaggi tittitootag igtow##898-
 gotgltcoto tittggsotes degiteegit taceegggge iiteegeggit icigiggsoe
                                                                         120
                                                                        180
 aatttaaagt tgaartaaga ttotatritg gacaaccage tateaccagg ctugytä99t
                                                                         240
 thatogette tacchataaa tehheecach athligehad ahagaegggh gigetehill.
                                                                         300
 agetgttett aggtageteg betggbbidg ggggbettag ettiggebet cettgeaaxg
 ttutttotag tteattoatt atgoagaagg talaggggnt aaglootilgo taleilatgo
                                                                        360
 thygatataa titticatet bieccibgeg giactatate tatigegeea ggibteaati 🦠
                                                                        420
                                                                        480
 totecopoot atacttratt teggstauate ettteectaa nettgetegt agaaggtgga.
                                                                        963
 gtg
       <210> 778
       <211> 393
```

c212> DMA

<213> Homo sapien

<2200×

```
<221> misc feature
      <2229 (1) ... (393)</pre>
      <223, n = A, T, C or G
      2400× 778
                                                                        6₽
etgeattitt attgegatet geagatgaae tgggaaaate teattitaea acagaactga
gacagacgae caccatatto actgaggtot asatttgeag titocactaa tgacattitg
                                                                       120
atttoccasc agagatactt otggtottae tgescagtet tttaagagaa atacttocat
                                                                       180
tatgecacat tgtocttqat oogtaagtga tgtgttaagg tgcttcaaag gaactetgac
                                                                       240
ctotgaagta ottgagotae titagtatgi coagoctati gottitigit itagngngio
                                                                       300
accatamata traggograt sawaggriat riattettaa ticaaggata aascagaaga
                                                                       360
                                                                       393
agettgtggn ataaaacaat agteaagate cag
      <210× 779
      <211> 277
      <212> DNA
      ali3⊁ Homo sapien :
      <1205
      ~221> misc_feature
      <1225 (1)...(277)
      47250 n = A,T,C or G
      2400x 779
ectnttgatt tgatgggtaa ggggagggat egttgaeete gtetgttarg tsaaggatge
                                                                        60
                                                                        120
gtagggatgg gagggcgatg aggactagga tgatggcggg caggatagtt cagacggttt
chattteeng agegtetgag angthagtat tagttagttt tgttgtgagt gttaggaaaa
                                                                        180
gggcatacag gactaggada cagataagga waatgactat gagggogtga toatgaadag
                                                                        240
                                                                        277
tgataagete tietaigata ggggaagtag egietig
      <210× 780
      c211> 328
       2212> DNA
      ~213> Homo sapies
       <220×
      aggis misc feature
       <220» (1)...(328)
       <3738 p = A,T,C or G
       2400× 780
                                                                         60
catgoratgg ataaccator taactgraft thorgeance egracettet tyggaataca
attytotaac tittitättit tygnotyyet yttytyytyt yesaaactoo ytacattyot
                                                                        120
                                                                        180
 attitgeeac actgeascae ettacagatg tggsagatgt gaastitgte atcaattatg
                                                                        240
actaccetaa ctoctcagag gattatatto atcgaattgg aagaactgct cycagtacca
 asataggesc agcatacact ttotttacac chaataacat asagcagggg agcgacctta
                                                                        300
                                                                        32B
 tototgtgot togggaaget aaneaaae
       <210> 781
       <211> 305
       <212> DMA
       <213> Homo Bapien
```

```
<220≥
      <221> misc feature
      \approx 222 > (21...(305))
      <223 n = A,T,C or G
      4400× 781
ctottcagas agotosttgo acctoottto gaasatsasa caaagttasa accorgagag
                                                                        60
gagttattgt geagogtgga gtaeteagge tttettataa agaaaaaaaa agttatetgg
                                                                        120
taccasagig tocaacciac agacccicag glacigocci gigacticic tetateacai
                                                                        180
caraaggotg oraagtgoot gittitotag aactaggagi iggigaggii iggotanigo
                                                                        240
tgaescosty cetaggatto ottitactasa ttaesacott attacotaco toctocassa
                                                                        300
                                                                        305
gacag
      <210> 782
      c211> 497
      <212> DNA
      ≥213> Homo Eapien
      -220×
      <2225 [1]...(497)
      \epsilon 223 \times n = A, T, C \text{ or } G
      4400° 762
cgaggiggot utaattoatg tisaugoott aigtosaatg taaagitaga attigotagg
                                                                         60
getgggatag ggagtgatat tictaggaet tagacattga adactaatte ageetgtagt.
                                                                        120
asconggang gitticaatg gostgettag toaaattoal ggCilhaaac tiagaagcag
                                                                        180 ·
                                                                        240
otttopgggg agagggtagg tiggagcatt tattacatat titacigiti aaigtoitaa
cogtgggeet tittaatitgi aaacactgaa atgattgitg ggetgiggaa aacatttace
                                                                        300
                                                                        360
tatitacont ggaagitita aaagacagic cacttitiag catgigigit gegiccagee
                                                                        420
tgtggtegte ttaactaata aafgngattt ttetetesaa aaaaaaacet eeeegggegg
                                                                        480
cogetesagg geneatteen ceesetggeg geogttseta ggggsterga neteggtees
                                                                        497
agettggegt aateatg
      <210× 783
      -211 - 364
      <212 - PPT
      -213> Homo sapien
      <400> 783
Met Trp Gln Pro Leo Phe Phe Lys Trp Leo Leo Ser Cys Cys Pro Gly
                                     10
Ser Ser Glm lle Ala Ala Ala Ala Ser Thr Glm Pro Glu Asp Asp Ile
                                 25
Asn Thr Gln Arg Lys Lys Ser Gln Glu Lys Met Arg Glu Val Thr Asp
                             40
                                                 45
Ser Pro Gly Arg Pro Arg Glu Leu Thr Ile Pro Gln Thr Ser Ser His
                                             60
                        55
Gly Ala Ash Arg Phe Val Pro Lys Ser Lys Ala Leu Glu Ala Val Lys
                                                              80
                    70
                                         75
Leu Ala Ile Glu Ala Cly Phe Bis Bis Ile Asp Ser Ala His Val Tyr
                                     90
Ash Ash Gio Glo Glo Val Gly Leo Ala Ile Arg Ser Lys Ile Ala Asp
                                                      110
                                 105
Gly Ser Val Lys Arg Glu Asp He Phe Tyr Thr Ser Lys Leo Trp Ser
```

```
120
        115
Ash Ser His Arg Pro Glu Leu Val Ang Pro Ala Leu Glu Arg Ber Leu
                                             140
                        135
Lys Asn Leu Gin Leu Asp Tyr Val Asp Leu Tyr Leu Ile His Phe Pro
                                                             160
                                         155
                    150
                                     170
                165
Lys The Leu Phe Asp Thr Vel Asp Leu Cys Ala Thr Trp Glu Ala Met
                                                     190
                                 185
            130
Glu Lys Cys lys Asp Ala Gly Leu Ala Lys Ser Ile Gly Val Ser Asn
                                                 205
                             200
Phe Ash Ris Arg Dea Lea Gla Met Ile Lea Ash Lys Pro Gly Lea Lys
                         215
Tyr Lys Pro Val Cys Asn Gtn Val Glo Cys His Pro Tyr Phe Asn Glo
                                         235
                     230
Ang Lye Leo Leo Asp Phe Cys Lye Ser Lys Asp Ile Val Leo Val Ala
                                     250
                245
Tyr Ser Ala Leu Gly Ser His Arg Glu Glu Pro Trp Val Asp Pro Aso
                                 265
            260
Ser Pro Val Leu Leu Glu Asp Pro Val Leu Cys Ala Leu Ala Lys Lys
                             280
His Lys Arg Thr fro Ala Leu Ils Ala Leu Arg Tyr Gln Leu Gln Arg
                                             300
                         295
Gly Val Val Val Leu Ala Lys Ser Tyr Asn Glu Glu Arg Ils Arg Glu
                                         315
                     310
Ash Val Gin Val Phe Glo Phe Gin Leu Thr Ser Glo Glo Met Lys Ala
                                     330
                 325
lle Asp Gly Leu Asm Arg Asm Val Arg Tyr Leu Thr Len Asp Ile Phe
                                 345
Ala Gly Fro Pro Asm Tyr Pro Phe Ser Asp Glu Tyr
                             360
        355
       <210> 784
       <211> 6353
       <2125 DNA
       <213> Romo Bapien
       <400× 784
tegogwateg gaceogocot gtagogego attwagogeg gogegteteg tegittæcgog
                                                                        60
cagogigade getacactig edagogodet agegodeget editiogett tettedette
                                                                       120
otttetegee aegttegeeg gettteedeg teaageteta aateggggge tedetttagg
                                                                       180
gttoogattt agtgotttad ggdaddtoga occcaaaaaa ottgattagg ghgatggtto
                                                                       240
                                                                       300
augtagtiggs coategoret gatagaeggt tittlegeest tigwegtigg agtecaegti
                                                                       360
ctttastagt ggadtottgt todaaadtgg aadsacadtd aaddetatot eggtotattd
                                                                       420
ttttgattta taagggattt tgoogattto ggootattgg ttaaaaaatg agotgattta
acaaaaattt sacgogaatt tisecaesat altsacgill acaatticag gigocactit
                                                                       480
                                                                       540
toggggaant gigogoggaa coortatiig titatiitte taaatacati caaataigta
                                                                       600
todgetesty astreattet tagasasset estegagest essatgasse tyesatttat
                                                                       660
tratateagg attatesata restattiti gaaasageeg tileigtaat gaaggagaaa
                                                                       720
actuacegas geaghticat aggargaesa garderyeta teggiolees attocgaeto
                                                                       780
gtocaacato astacaacot attaatitoo cologicasa aataaggita toaagigaga
                                                                       840
astoaccaty sytyscact gastocyyty agaatyycaa aagittatyc attictited
                                                                       900
agacttgitt aacaggecag coattacget egicateaaa ateactegea teaaceaaac
cythattoat togigatiyo yochgayoga gargasatao gogalogoty ttaaaaqgar
                                                                       960
                                                                      1020
aattacaaac aggaategaa tgcaacegge geaggaacac tgccagegca tcaacaatat
```

titisecting attosperal tuttotaala ontogaating tüttitices gegetegese 1000 titigetegete degeogete taagagee getaaasid ottestigige gaaagaagea 1200 citigetege degeogete degeogete tuttagaaac actorigees tuttagaaac actorigees cattogate contactad ogatagatt 1200 titigetege tuttagaaac actorigees cattogate contactad ogatagatt 1200 titigetege tuttagaaac actorigees cattogate contactad ogatagatt 1200 titigetege tuttagaaac actorigetege gettetege contactad ogatagatt 1200 titigetege tuttagaaac actorigetege tuttagaaac actorigetege getteget contactad ogatagatt 1200 titigetege degetege getteget contactad ogatagatt 1200 gettetege tuttagaaaca acaaacacaa ogatacoataa 1200 gettetege tuttagaaacaa acaaacaacaa gettecagg 1100 gettititit teologigite, actorigetege tuttagaaacaa acaaacaacaa gettecagg 1100 gettititit teologigite, actorigetege tuttagaacaa acaaacaacaa gettecagg 1100 gettititit teologigite, actorigetege tuttagaacaa acaaacaacaa gettecagg 1100 gettititit teologigite, actorigetege tuttagaacaa acaaacaacaa gettecagg 1100 gettitititi teologigite, actorigetege cattogaacaa acaacaacaa gettecagg 1100 gettitititi teologigite, actorigetege cattogaacaa gettagaacaa gettagaacaa acaacaacaa gettagaacaa acaacaacaaa gettagaacaa acaacaacaaa gettagaacaa gettagaacaaaaacaaacaacaaacaaacaaacaacaaaca						and the second second	1080
testactory tricognate acceleracy congress tributery transactions accelerate tributery tributery tributery transactions acceleration contact and cognitive transactions are tributery transactions and transactions are transactions and transactions are transactions. A secretarious are transactions are transactions are transactions are transactions are transactions are transactions are transactions. A secretarious are transactions are transactions are transactions are transactions are transactions are transactions a	thtesectge	atcaggatac	tuttutasta	ectiggaange	typeningbag	dädatedrad	
cittgeraty titraganae actorigge catuggger eccitata contacta 1200 tiggeactig titgeorgae thatographic continues a continues thatographic continues thatographic continues a continues thatographic continues a continue continues a continue continues a continues a continues a continue continues a continues a continue continues a continue continues a continues a continue continues a continues a continues a continue continues a continues a continue continues a continue continues a continue continues a continues a continue continue continues a continue continue continue continue continue continue continue continue continues a continue	täätääätäa	ccatgcatca	poaggagtae	ddaragagra	cregaragre	ngaagaygea	
tegeancing tigeorgas trainingsas constituts contastas teagestos 1200 figtigatett dactogoge of contracts of trainingsas apotitions tigeorgas contracts in the contracts of trainingsas apotitions trainings of the contract of trainings of trai	tasattoogt	cagocagtit	agtotgacca	neteacetgi	aacancanng	gesacgetat	
tyttgasatt taatogoge tingogoan depittoog tigaatatga otdatadaa 1860 occitigatt actificatg taagoagaa gittlatotg tigaatatga otdatadaa 1860 occitigatt ogticoacia actoritaa 1860 gatoritti toctgogot oo actoritaa 1860 gatoritti toctgogot oo actoritaa 1860 gatoritti toctgogot actoritaa 1860 gatoritti toctgogot oo actoritaa 1860 gatoritaa 1860	obtigocalg	tttcagsaac	geototggaa	catogggott	CCCATACAGC	ogatagacty	
centigatiti entiticating transpagers gittlating teatpacess satcentiae 1440 ogtogatiti entiticating transpagers satcential theory of the company of the compa	togeacctga	tigocogaca	thatogogas	cccatttata	cccarataaa	reagnationa	
egtigagitti egitecacti ageriaagar coopiagaa agateaagg atetetiga 1500 gaterittit tictgaggi, satriguegg tigaaaaaa aaaaaaaaa gateaagg 1620 agaggagaa aacaastac titecitoti gidaaaaaa aaaaaaaaaa gateaagg 1620 agaggagaa aacaastac titecitoti gidaaaaaa aaaaaaaaaa gateaagg 1620 agaggagaa aacaastac titecitoti gidaaaaaa gateaagaa taccaastac titecitoti gidaaaaaa gateaagaa taccaastac titecitoti gidaaaaaa gateaagaa taccaasaa aaaaaaaaaaa gateaagaa 1620 aagaggagaa aacaastac titecitoti bidaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa	tyttyyaatt	taatogogge	ctagagoxag	acgitticdeg	ttgaatatgg	oteataacac	
patcentitit tictgogst satchpolge tidecaseas assassonor getacosogs 1560 gasgittittt tidecagost saccastate titecticits gideagost satragedes coesticose 1660 satetotitit gasgittidate tigecipate sagagideagos taccasatate titecticits gideagost satrageago coesticoseg 1660 satetotitida gategacost satrageagost coesticoseg 1660 satetotitida gategacost satrageagost coesticoseg 1660 satrageagost gategostic tacopagitid gactosasgan gatifagosa gategacost gategostici gactosagan gategacost gategac	cccttgtatt	actgittatg	taagcagaca	gttttattgt	tcatgaccaa	aatcccttee	
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etttoecato	Chespeatt	aactictggcg	catcadanni	CCCACACACAC	CHOCOROCCA	1260
teseaccioa	ttacccqaca	ttatogogag	CCCALLCALA	CCCararaa	readepere	1520
totrogaatt	teatogoogo	ctagagcaag	acysticccg	fraescardă	CECHEAGGEC	1380
-ecttatatt	actotttatq	taaqcagaca	gttttattgt	reardace-9	derriction.	1440
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- agettaageg	i agageqtqea	. agatteegaa	, tacogosago	: dacaddanda	. Leading & Light	3300
notentită di COS	. AAGGGGGtoot	: сурсувавал	. ფონნსუფფი	: AcidocaRea	Cacarage	3360
dasttacato	: ataaaqaaqa	. caytcataaq	j tgoggogacg	i acadecarão	DOCORRACO CA	3420
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at tagtoagg	taacttacat	: tsattgcgtt	, gogeteeste	, acagatutec	នជិតពត់ពិតិមនុស	3540
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t daacacacaa	: autopottbbt	; intittoacca	: ფნცბურმეფ	i daadaardaa	f fidecore: w	3660
competigati	ctgagagagt	: tgeageaage	: ggtocaeget	: ggtttgcccc	: agcaggcgaa	3720
 eathortottt 	. gatiggtagtt	: მანგენებებ	; tataacatga	i gotgtattag	i diraceBrode	3780
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tegaetasat	ttgattgcga	s c tgagatati	t tetgccagc	, aggdagangd	: ageogogod	4020
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4210s 786

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<212> PRT

c213> Homo sapiens

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<213> Homo sapiene

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Trp Lys Thr Met Ser Gly Lys Glo Lys Ser Lys Phe Asp Glu Met Ala
Lys Ala Asp Lys Val Arg Tyr Asp Arg Glu Mot Lys Asp Tyr Gly Fro
                                         75
                    70
Ala Lys Gly Cly Lys Lys Lys Asp Pro Asn Ala Pro Lys Arg (ro
                85
                                     ناو
Pro Ser Gly Phe Phe Leu She Cys Ser Glu Phe Arg Pro Lys lie Lys
                                                     110
                                 105
Ser Thr Ash Pro Gly lie Ser lie Gly Asp Val Ale Lys Lys heu Gly
                                                 125
                             120
        1115
Glo Met Tro Asn Asn Leo Asn Asp Ser Glo Lys Gln Pro Tyr Ile Thr
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                        135
Lys Ala Ala Lys Leu Lys Glu Lys Tyr Glu Lys Asp Val Ala Asp Tyr
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                    150
Lys Ser Lys Cly Lys Phe Asp Gly Ala Lys Gly Pro Ala Lys Val Ala
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                165
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GIU GIU Glu Glu GIU GIU ASP Glu
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teccaggage coagtaatgg agageeccaa aaagaagaac cageagetga aagtegggat 180
cotacacety ggcapeagae agaagaagat caygatacag etgagatece agtgcgcgae 240
atggaaggig atotycaaga goignatoag icaaacacog gggataaato iggaltiggg 300
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40 45 35 Glm Leo Lys Val Gly Ile Leo Mis Leo Gly Ser Arg Glo Lys Lys Ile 60 55 Gin Val Leu Cly Arg Glu Met Arg Asp Met 5 5 Glu Cly Asp Leu Gln Glu Leu His Gln Ser Asn Thr Gly Asp Lys Ser Gly Phe Gly Phe Arg Arg Gln Gly Glu Asp Asn Thr 100 105 <210× 794 <211> 970 <2125 DNA <213 - Romo sapiens <400× 794 tagapotocea quaeteaggt cottigoage elecaceets gesalogete esiggicala &Dethtetetet, caasetyget titteteatt cettigeete egedegaatt detegeden 120 atgacutggt gttgtgtotg atcaccocaa catteetgge tgeceaatgt ggggeaatga 180 agaccccagt gaaggaatgo tagagtgtgt gaaagtggag gacgcatcgt caaaggacac 240 otgaggangt otdaaagaag otoggoggga gagutgagog otoggaagaa ocaaagaatoa 300 tetettttga aaaategatt eateaastga atetteagee aacaactgtt caagaaggat 360 gcamatatos cagigitage igaacittici ggbbgacecc igacayyaay aguciciyia 420 ttggacowec atgittgige teactgigta giazcadaec aacaeecas aaiageggga 480 gttgccartg acaaagagtt gaatgatcaa atganggona aaggaggagg ttoopagaag 540 taaagottty gaygteacaa aattugeaat agaagotggg ttoogcoata tagattotgo 600 teatttatae aataatgagg ageaggttgg aetggeeate egaageaaga ttgeagatgg 660 cegigigaeg egegeegede tattotaced tidemegott iggiocadii ticeiogado 720 agagttggto egaceageet tggasaacte actgoaasaa geteaattgg actatgttga 780 contraints attrattore castytotet assyctaget gaggaactit caccaacaga 840 teanaatysa aangtaatat tigacatagi ggatototgi accaeciggg aggocatyga 900 gaagtgtaag gatgdaggat tggddeegtd cettggggtg toeeedttoa acocgdaggo 960 970 agetygagati <210≥ 795 <211> 152 <212> PRT <213× Romo sapiens <4005 795 Arg Pro Lye Glu Glu Val Pro Arg Ser Lys Ala Leu Glu Val Thr Lys heu Ala Ile Glo Ala Cly Phe Arg His Ile Asp Ser Ala His Leu Tyr 25 Aen den Glu Glu Gln Val Gly Leu Ale Ile Arg Ser Lys Ile Ale Asp 45 35 40

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Gly Ser Val Lys Arg Glo Asp Ile Phe Tyr Thr Ser Lys Leu Trp Ser
     50
                         55
                                             БÜ
Thr Phe Hig Arg Pro Glu Leu Val Arg Pro Ala Leu Glu Asn Ser Leu
Lys Lys Ala Gln Leu Asp Tyr Val Asp Leu Tyr Leu Ile His Ser Pro
                 £5
                                     90
met Ser Leu Lys Pro Gly Glu Glu Leu Ser Pro Thr Asp Glu Asn Gly
            100
                                105
Lys Val Ile Phe Asp Ile Val Asp Leu Cys Thr Thr Trp Glu Ala Met
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Phe Asn Pro Gln Als Ala Gly Asp
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Pro Pro Gly Arg Ala Glu Trp Tyr Gly Pro Ala Gly Val Lys Ala Gly
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Gly Arg Arg Val Pro Arg Arg Arg Arg Trp Gly Cys Val Glo 85 70 75 80

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Arg Asn Alo Gly Gln Gly Arg Arg Gly Ser Gly Gly Alo Arg Gly Alo 85 90 95

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Arg Arg Gly Ale Gla Arg Ale Ale Glu Arg Ale His Pro Ale Ale Ale 115 120 125

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ctotoacato tagasagaag ogottaagat giggoagood eteticitea agiggoidti 240
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Asgeocetcy geoggessey Asegacasta attitigitti teattiigas aseattaast 1500
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groataarta gggaggaagg agggergagg agtggagggg eteaggegaa getgggggtge 300
tytteggggt atoceagted dagaageace tygaaceeeg acagragutt etygaetecc 360
садаюддзе саддададд\mathfrak L ас\mathfrak Lдса\mathfrak Lдад сдасаласьс авас\mathfrak Lдадас\mathfrak Lдсасаладся \mathfrak Lд \mathfrak L
адторранува усобавтавт удададорог машинаранда посаврануют дамадторду 400
atontacano tgggdagdag aragaagaag atoaggatan agotyagato doagtgdgdg 540
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22125 PRT 22132 Homo sapiens

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His Thr Cln Thr Gln Asn His Thr Ale Ser Pro Arg Ser Pro Vel Met 65 70 75 80

Glu Ser Pro Lys Lys bys Aso Glo Clo Leo Lys Val Gly Ile Leo Ris 85 90 95

Len Gly Ser Arg Gln Lys Lys Ile Arg Ile Gln Len Arg Ser Gln Cys 100 105 110

Ala Thr Trp Lys Val lle Cys Lys Ser Cys lle Ser Gln Thr Pro Gly 115 120 125

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actotoagas geocceasog catocoggga caagtgacag etattotged occagagaet 540 geotoacaed octosacoag aeggeeatga otgocottet gtgaacaeaa tgtgaacaga 600

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адсідуадуд дродсадуві садасосдса дзеіуджуві одавровода ддосідосвід 400
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coagoggtgt acggogatto toccogtgag aaggoattgc gtggagetet gegageetee 240
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tactgogtac ggddoggogg cocgatogog ggaedteagg tggtgggege gaacgagaad 420
cotggooyga acytoagtgt gayttggogg coacgogotg agyayyacyy gagayccag 480
grygggggga geagegteet cagggaacty catactycyy actotytayt aastygaayt 540
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necceptique greetetett etgassacte egigtggeed tegeleiges eigtesigns 180
geggtgatgg agetagatac ecaccarggs castgatest cagtiligggg ticletgggt 240
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ttaateegaa atgigitaan teganeacat gggireaegi reaggarage teecategaa 450
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agetetegen enatatetge g
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tittititti ittitggngg agggsaanti neagacatag etitahliget gaeteetgee 100
 contraineg dectegicae aggenneagy grigititgi aantiaaani ticnggaaaa 240
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 gtiggattaa gotgottatg agutottiga cagtgligat titgatoagt ggittaaaaa 180
 compettett compantiae augication castaggist augecatige gangeauggi 240
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 ttatgaagea atetgtaact tgetteaaga teaagattta gtggeegtat tgasacaget 360
 aceactitgs agtreactgt tgatgetttt gestttagas cagateagtt totacogtat 420
 tiggasacca tgitcacaci actititcag tiarigcaço sagitacaga atgigaçaca 480
 aagaigdaig tittgdatgt cottietigt gigatdgaaa gagteaacat geagalacga 540
 coatatgtgg gatgtttggt acaatatttg coortoottt ggaagcagaa gtgaanaaca 600
 castatgttg agatytycta itttgaccac acttettoat ottgytoayy gattangago 660
 agacageaag accigionet tierigotee agitaticae igagiaecag aigtiteaca 720
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CERES DOM
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₹220×
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ageagetget gecagageee tettgtaget tetttatttt etgtitetti eeagetttee 180
taccotecta tecorectig igitiggger acastitiga satasititi Attataggia 240
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teggggeggg gagggggeag ggamtmgtea getggettta ceacettemy gmtetegamt 660
tyggegetty aacctmagma agattytyja ettatemaam ytempegete mytytteyte 720
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                                                                    610
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WO 01/00828 PCT/US00/18061

277

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otgottagas actotactes againtarat otagentaga agasqacaga cagacigang 540
graggings and the total transfer and the second second the same stage 600
tygittegage tyteateteg gedeaeggic testantgeg craeseses tinnigaats 660
gnashboots asancostta coaccacttg atgacenanc attilitangg cotggettgs 720
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val3> Homo sapiene
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quadchease agetetease asigtasque gregatagte contiquenta gyrotgatea 300
carotteage gtoatgaggt cagagteaag tgoagaggtt tittaaacata accassattt 360
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casociatet inggacitigi tenggaanoo anggaticas ontiggecas eigigecass 720
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triggniggs coasegift gectnaaces stotogoog tigggetoit cityntitem 840
oncocagggg accmassace econtects mastascent titititing ascentitan 900
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augictitti geaeeelooa otgiottage tgaaaagtot acooagraag caciggggca 180
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atgagetese agacaaagge aggebeeagt testatgeee gggatgdagg ctggctcsct 360
deceanging introducting officegacte atcassetge typicateon Concurrents 420
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Asp Cys Arg Pro Phe Leu Ala His Ser Ala Gly Tyr Ils Leu Gly Ser 50 55

Val Asn Val Arg Cya Asn Thr Ile Val Arg Arg Arg Ala Lys Gly Ser 65 70 75 80

Val Ser Leu Glu Glo Ile Leo Pro Ala Glu Glu Glu Val Ary Ala Ary 85 90 95

Leu Acg Ser Gly Leu Tyr Ser Ala Val Ile Val Tyr Asp Glu Arg Ser 100 105 110

Pro Arg Ala Glu Ser Leo Arg Glu Aep Ser Thr Val Ser Leo Val Val 115 120 125

Gin Ala Leo Arg Arg Aso Ala Giu Arg Thr Asp Ile Cys Leo Leo Lys 130 135 140

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The Lys Ala Leu Ala Ala Ils Pro Pro Pro Val Pro Pro Ser Ala The

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. .

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